28-12-2007 MINUTES (G.B.)

# MINUTES OF THE MEETING OF THE GOVERNING EDDY

#### held on

Friday, the 28th December 2007

At

Conference Room – I, India International Centre, 40, Max Mueller Marg, New Delhi – 110003.



#### **CENTRAL BOARD OF SECONDARY EDUCATION**

Shiksha Kendra, 2, Community Centre, Preet Vihar, Delhi - 110092.

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#### MEETING OF THE GOVERNING BODY OF THE BOARD

Day & Date : Friday, the 28th December 2007.

Time : 10.30 A.M.

Venue : Conference Room-I, India International

Centre, 40. Max Mueller Marg, New

Delhi - 110003.

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- The list of members who attended the meeting and those who could not be present is at Annexure-1.
- At the outset, the Chairman extended a warm welcome to all the 2. distinguished members of the Governing Body of the Board on behalf of the CBSE. The Chairman extended special welcome to Shri Sandeep Kumar, the new Director of Education, Directorate of Education, Govt. of NCT, Delhi. The Chairman appreciated the contribution made by earlier Director, Shri Vijay Kumar for active involvement in different Committees of the CBSE, i.e. Affiliation, Examination and Result Committees. He also informed the House that four new members have been appointed to the Governing Body. Shri S.N. Jha replaced Shri Rajesh Somaal as Director of Education, Govt. of A & N Island, Port Blair. Prof. (Ms.) Nayanjot Lahiri replaced Prof. Shirin Rathore as Dean of Colleges, University of Delhi. Prof. Y.C. Simhadri replaced Prof. S.S. Katiyar, Vice Chancellor, Chhatrapati Sahuji Maharaj University, Kanpur, UP. The Chairman also expressed Board's sincere gratitude to the following out-going members for their valuable contributions:
  - Shri Rajesh Sommal, Ex-Director of Education, Govt. of A & N Island, Port Blair-744101.
  - ii. Prof. Shirin Rathore,Ex-Dean of Colleges,University of Delhi,Delhi.
  - iii. Prof. S.S. Katiyar,Vice Chancellor,Chhatrapati Sahuji Maharaj University,Kanpur.
  - iv. Shri Vijay Kumar; Ex-Director of Education, Directorate of Education, Govt. of NCT of Delhi, Old Secretariat, Delhi-110054.

Chairman also informed that the House was meeting exactly after six months since the last meeting held on 29<sup>th</sup> June 2007 and explained various activities undertaken by the Board during this period.

3. The following are the major highlights of the presentation by the Chairman of activities undertaken by the Board since its last meeting held on 29<sup>th</sup> June 2007:

#### **Academic Activities**

#### New Curriculum

- New syllabi approved by Course Committees of the Board and new NCERT textbooks in different subjects for class X and class XII were implemented during the academic year 2007-08.
- The students will be appearing in the new curriculum both in classes X & XII in 2008 examinations.
- Affiliated schools were informed about the revised syllabus and new textbooks prepared by NCERT in various subjects for classes II, IV, VII, X & XII for implementation during the current academic year.
- Information about new syllabus and textbooks for classes V and VIII to be effective for 2008-09 has been sent to schools.

#### New Curriculum - Vocational Education

- The Board has introduced a new vocational course in Financial Market Management in class XI from the academic session 2007-08. The course materials for class XII are under preparation and are expected to be available to schools by the end of February, 2008.
- The Board is planning to launch two new vocational courses in General Health Care and Fashion Design and Garment Technology. The syllabi in these courses have already been prepared. Course materials for class XI are under preparation.
- All the vocational courses will involve joint certification by the Board and the respective Business/Industrial Organization.
- Some more new competency based courses are being identified for implementation as vocational packaged courses.

#### New Curriculum - Recap

 Japanese Language was extended to class VII during 2007-08. Textbook and Workbook were prepared by the Japan Foundation in consultation with the Board. Class VIII syllabus and course materials are under preparation. They will be implemented in 2008-09. Two teacher training programmes were conducted.

 Bahasa Maleyu has been introduced as one of the foreign languages in class IX from the academic year 2007-08. The syllabus and textbooks prescribed by the Ministry of Education, Malaysia have been adopted.

#### Other Curricular Initiatives

- World Social Science Curriculum In order to provide an alternative contextualized curriculum in Social Science for students in CBSE schools functioning in foreign countries the Board has taken the initiative to design a syllabus in World Social Science Curriculum which will be available along with the Indian Social Science syllabus. Foreign Students and students studying in foreign schools will have the freedom to choose either of the courses according to their needs. The syllabus in World Social Science for class VI is under preparation and it is proposed to be introduced from the academic session 2008-09.
- Learning By Doing To promote learning of Science through experiments and projects the Board published a manual titled 'Learning By Doing' for class VI during 2006-07. As a follow up, a similar manual for class VII prepared in collaboration with Nehru Planetarium and Delhi University has been published during the current academic year.

#### Other Curricular Initiatives (contd.)

- Health Manual: Comprehensive School Health Manual in four volumes has been prepared and will be released shortly. Simultaneously Global Health School Survey has been completed in 75 identified schools (25 Govt., 25 independent and 25 JNVs & KVs). Results are being sent to WHO India and Geneva for processing.
- Adolescence Education Programme: After completing one round of training, schools have been instructed to focus on development of life skills though curriculum plus activities from class IX onwards.

#### **Assessment and Evaluation**

- Reviséd designs of question papers for class X & XII examinations 2008:
- Typology of the questions is being changed and focus is on Higher Order Thinking Skills.
- Sample Question Papers developed on the new design have been published. They are also available on CBSE website.

#### Moderation of Internal Assessment:

 A committee has been constituted to examine the co-relation between the student performance in external examination and internal assessment in class X in the subjects of Mathematics and Social Science.

#### **Teacher Training**

- Teacher training programmes were conducted in Science (class X), Mathematics (class X), Bio-technology (class XII), and Economics (class XII) at different nodal centres across the country.
- Further teacher training programmes in Social Science, Science and Mathematics have been planned for the schools in the Middle East.

#### **Empowerment of Principals**

- Strategic Leadership Training at NUEPA: Two five-day training programmes were conducted for principals at NUEPA from 14th – 18th May, 2007 and from 3rd to 7th December, 2007. Over 100 principals benefited from the training.
- Strategic Leadership Training at IIM, Ahmedabad: The 9th training at IIM, Ahmedabad was held on 7th -13th October. 2007. 45 principals attended the programme.
- Two training programmes will be conducted at IIM, Kolkata in May & June, 2008. Principals of KVS, NVS and Delhi Government Schools will also be provided representative participation.

#### **Student Enrichment Activities**

- National Science Exhibition at zonal level was held in 11 centres across the country in August, 2007. Over 850 schools participated at the zonal level exhibitions and the best of these exhibits were featured in the National Exhibition which was held at New Delhi in September, 2007. 105 schools participated. 20 best exhibits were selected and awarded cash prizes. They are also participating in the National Children's Science Exhibition in December, 2007 at Pondicherry.
- Group Mathematics Olympiad at regional level was held in October, 2007 and over 5000 students participated. 30 best students have been selected to participate in the Indian National Mathematics Olympiad to be held in January, 2008.
- The first written round of CBSE Heritage India Quiz was conducted in August, 2007. Nearly 3000 students participated. Zonal rounds were conducted in September and October 2007. The national final was held on 5th December, 2007 at New Delhi. DAV Public School, Chandrasekharpur, Bhubaneswar won the National Trophy.

- The first stage CBSE National Informatics Olympiad was held in November, 2007. Over 9000 students participated in 48 centres across the country and abroad.
- CBSE National Sports Programme for the academic session 2007-08 has been completed in 13 disciplines. The National Athletics Meet will be held at Kochi from 4th -8th January, 2008. Nearly 5500 independent schools participated in the National Sports Programme.

#### National Sahodaya Conference

- The 14th National Sahodaya Conference was held at Chandigarh on 1st -3rd November, 2007.
- About 400 principals from all over the country attended the conference.
- The theme of the conference was "Thinking Schools Learning Communities".
- A Souvenir was also released on this occasion.

#### **Examinations**

- AISSCE 2007
- Compartment Examination (class XII) was held on 20th July, 2007.
- 45,792 candidates appeared and 34,782 passed.
- AISSE 2007
- Compartment Examination (class X) was held from 20th to 27th July, 2007.
- 75,990 candidates appeared and 47, 942 passed.

#### <u>Preparations for Examination - 2008</u>

- Nominal rolls have been sent to schools for checking to ensure error-free final data.
- Exam centres have been finalized.
- Process of fixing Nodal Centres, Appointment of Chief Nodal Supervisors, Head Examiners and Examinees is in progress.
- Exams 2008 will commence on 1st March, 2008 for classes X and XII.
- Changes introduced from 2008 Examination
- District Level Committees have been constituted to suggest schools with adequate infrastructure for fixing examination centres. This would avoid last minute change of centres.
- Chief Nodal Practical Examiners are being appointed to monitor the proper conduct of practical examinations for class XII and to inform the Board about absentee practical examiners so that the Board can appoint alternative practical examiners immediately. This measure will curb malpractices in practical examination to a great extent.

#### **AIPMT & AIEEE**

#### **AIPMT**

- 22nd AIPMT Preliminary Examination would be conducted on 6th April, 2008 and AIPMT final on 11th May, 2008.
- Admission notice was published in various newspapers in the first and second week of October, 2007.
- Information Bulletin and application form were sold from 16th October to 26th November, 2007 through 177 designated branches of Canara Bank and the Regional Offices of CBSE. Candidates were provided forms through post too by AIPMT Unit.
- This year candidates also have the facility of applying online through CBSE website.
- Last date for receipt of application forms (including online): 28.11.07

#### AIEEE

- AIEEE, 2008 will be conducted on 27.04.2008 The syllabus for AIEEE 2008, has been revised on the basis of NCF-2005.
- The Board has also constituted a High Level Committee to make recommendations on standard of question paper and revision of remuneration to various officials.

#### From Administration

- The CBSE textbooks are under print and will be made available to the stakeholders through the Publication Stores in the Regional Offices of the CBSE well before the commencement of the new academic session 2008-09.
- The All India Engineering Entrance Examination and JNVST Units have been shifted from "Shiksha Sadan", 17, Rouse Avenue, New Delhi- 110002 to PS 1-2. Institutional Area, Patparganj, New Delhi – 110 092 to ensure better coordination.

#### **Public Relations**

- Redressal of Public Grievances: 12 complaints have been received by the Board from July, 2007 to December, 2007.
- Malpractice Prevention Cell: Six cases of disaffiliation, downgrading of schools on account of irregularities committed by them were published in national and local newspapers during the last six months.
- RTI: 133 cases were received during the last six months and almost all of them have been disposed of.

#### **Affiliation**

- Number of schools affiliated upto 30.11.2007 was 9274.
- In the last six months 142 schools have been given fresh provisional affiliation.
- 91 schools have been granted upgradation to senior secondary stage during the same period.

After the presentation, the Chairman invited the comments of the members and as such discussions took place on various issues:

Mrs. Madhulika Sen, Principal, Tagore International School, Vasant Vihar, New Delhi pointed out that the students studying in CBSE schools in Class VI to VIII do not have adequate knowledge about the Social Science in international context and as such there is a need to make suitable amendments so as to make the choice of World Social Science Curriculum available to Indian students also.

The Chairman, CBSE replied that it needs debate as larger issue of National Curriculum framework is involved.

Mrs. Anita Setia, Dy. Director of Education, Distt. South, Directorate of Education, Govt. of NCT, Delhi appreciated the changes made in the Economics Class XII syllabus but the Government schools are facing difficulty in accessing the website of CBSE. She also asked whether grading system will be implemented or not.

Prof. C.K. Saluja, Department of Education. University of Delhi expressed concern on large number of failures in Compartment Examination and exhorted the House to find out solutions for the same.

The Chairman, CBSE informed the House that even the best teachers are finding difficulty to teach Economics subject as per revised syllabus. He suggested that Government schools may organize Seminar in Economics at least at four places. Government schools should organize two days' Training Programme. For physical activities, evaluation on five point grading from Class I to Vis required.

Being Chairman of COBSE he informed the House that the results of other Boards are even poorer; and these failed students could have been used for other productive activities instead of treating them as failures. At present, the failure percentage in CBSE is 10 to 12 but it needs to be reduced further.

Dr. U.N. Singh, Joint Commissioner, KVS who attended the meeting on behalf of Commissioner, KVS requested for Kendriya Vidyalayas review of policy of self-centres on equitable basis.

Shri S. Sen, Deputy Director General, Confederation of Indian Industry, New Delhi suggested to CBSE that teachers training for Government schools has become very important. He also appreciated the book published by CBSE on 14<sup>th</sup>. National Conference of Sahodaya School Complex. He also stressed the need for health education, environment education (specially water conservation), and inculcating creativity in students. He also advocated exchange programme of government school teachers with the schools outside the country.

The Chairman, CBSE agreed to make balance in learning and performance review. He also agreed that the teachers' training is very important for learning. The CBSE does not have mandate, yet it is taking teacher training very seriously. The CBSE needs to have its own teachers training centres, one in South and another in North. He also agreed that the CBSE can facilitate the Government teachers to go to good schools in UAE and Singapore.

Shri Pramod Sharma, Former Chairman, IPSC & Principal, Mayo College, Ajmer informed that since last seven years of his association with CBSE he has observed that practical syllabus is very limited. Some of the schools do not have adequate facility for practicals. Practical concepts should increase and he also agreed that practical examination has become farce in our country. Appointment of Practical Nodal Supervisors is a welcome move in this direction.

The Chairman, CBSE informed the House that from 2009 examinations practical in Class IX & X will be taken into account. He agreed that there is a need to improve practical training in Class IX onwards.

Shri G.S. Negi, Principal, Bhartiya Vidya Bhawan, New Delhi informed that CBSE focus is on Class X and XII only. He requested that CBSE should also focus on primary and middle level. He also said that inspection of schools is confined to the affiliation only whereas academic inspection of schools should also be introduced in randomly selected schools. Moderation in practical marks and appointment of Practical Nodal Supervisor is also required. He also advised that CBSE should have R & D Wing for sharing new methodologies and experiences with its affiliated schools.

The Chairman, CBSE informed that regular inspection cannot be done. The development and research wing for CBSE is needed.

The Secretary then took up the agenda for discussion.

### TO CONFIRM THE MINUTES OF THE MEETING OF THE GOVERNING BODY OF THE BOARD HELD ON 29<sup>TH</sup> JUNE 2007.

The Secretary informed the House that the minutes of the last meeting of the Governing Body held on 29<sup>th</sup> June 2007 were circulated to all the members of the Governing Body of the Board vide letter dated 23<sup>rd</sup> July 2007 for comments, if any, with a proviso that in case no comments were received from them within two weeks from the date of receipt of the same, it would be presumed that Minutes had met their approval.

It was informed to the House by the Secretary that in response, Prof. Dayanand Dongaonkar, Secretary General, AlU vide his letter dated 31<sup>st</sup> July 2007 stated that he had raised the issue of 'on-line examination'. Prof. D. Dongaonkar told that a meeting had to be organized at BITS Pilani; secondly he told that the Chairman of this committee should be a senior person as they were dealing with

senior professionals and ex-Vice Chancellors. With regard to considering the opening of New Regional Office of the Board at Patna in place of Bhubaneshwar, Prof. Dongaonkar intimated that he had suggested that there should be equitable regional distribution of centres of the CBSE so a thorough review of the countries scenario should be done before allotment of the centres. He stated that the same were not reflected in the Minutes of the meeting and requested to reflect in the proceedings.

The Secretary informed that the above lines were incorporated in the Minutes of the Governing body meeting held on 29<sup>th</sup> June 2007 vide Corrigendum dated 30.10.2007 and circulated to all the members of the Governing body.

No comments were received from any other member of the Governing Body of the Board. With the above modification the minutes were confirmed by the House.

TO RECEIVE A REPORT ON THE FOLLOW UP ACTION TAKEN ON THE MINUTES OF THE LAST MEETING OF THE GOVERNING BODY HELD ON 29<sup>TH</sup> JUNE 2007.

The House discussed in details the action taken on the last meeting of the Governing Body of the Board held on 29<sup>th</sup> June 2007.

Shri Pramod Sharma, Former Chairman, IPSC & Principal, Mayo College, Ajmer desired to know the progress on conduct of On-line Pre-Medical examination. The Controller of Examination informed the House that a Committee was constituted to consider On-line Pre-Medical Examination. It was finally decided not to do so as one day on-line examination will cost approximately Rupees 10 crore for examination centres and question banks. He also informed that BITS Pilani is conducting on-line examination for limited number of candidates.

Cpt. (IN) V K-Verma, Chairman, IPSC and Principal & Director, Motilal Nehru School of Sports, Rai, Distt. Sonepat, Haryana asked about the latest position of common paper for AIPMT and AIEEE.

The Chairman, CBSE informed that for conducting common examination for AIPMT and AIEEE there will be a need to seek opinion/approval of the Hon'ble Supreme Court of India and MHRD for conduct of single examination for AIPMT and AIEEE respectively. In AIPMT number of candidates is not so much whereas in AIEEE large number of candidates are appearing in the examination. Therefore, other issues on typology of questions are also involved.

Shri S.K. Setia, DPI, Chandigarh stated that the syllabus of the CBSE is not at par with the State Governments from the point of view of professional entrance examination.

The Chairman, CBSE informed that CBSE's syllabus is at par with all State Boards but questions asked in Class XII main and professional examinations are different. Typology of questions cannot be made same for Class XII and competitive examinations. Importance to Class XII teaching can be given by giving a certain percentage say 20-30% to Class XII Examination results. But this will require timely declaration of results by all the 41 Boards in India.

After detailed discussions on the other issues also, it was resolved that the report on the follow up action taken in the last meeting be recorded.

### TO CONSIDER THE RECOMMENDATIONS OF THE AFFILIATION COMMITTEE MADE AT ITS MEETING HELD ON 11<sup>TH</sup> OCTOBER 2007.

While going through the minutes of the meeting of the Affiliation Committee held on 11<sup>th</sup> October 2007 the Secretary, inter-alia, explained with reference to Item No.VIII that the Board has taken an important decision with regard to composite affiliation from Class I to XII in respect of those schools who have adequate facilities and infrastructure upto the senior secondary level.

It was also informed to the House that the Affiliation Committee has resolved that a body like NAAC under the UGC may be set up by the CBSE for the purpose of accredition to schools. The DPI Chandigarh stated that different

standard would be required for rural and urban areas. This was also supported by Mr. Sen, Dy. Director General, Cll. Joint Secretary (SE) was also of the opinion that this should be done on a priority basis.

Shri S.C. Kaushik, Coordinator (Computer) NDMC informed that the Quality Council of India has not taken up accredition of NDMC schools. Chairman, CBSE desired to have the details of the QCI's certification. The JS(SE) remarked that an ISO certification is more process oriented and this needs to be properly adapted in Shri Pramod Sharma, Principal, Mayo College, Ajmer educational context. pointed out that there is a need for having a uniform approach towards collaboration and franchisee system in CBSE affiliated schools. He emphasizes that the Mayo College is having a collaboration and not a franchisee while there are other school systems in CBSE may be having franchisee system. He therefore stressed into the need for having holistic view in to the matter. The Chairman CBSE informed the House that the issue of franchisee by CBSE affiliated school is being separately looked into so that uniform policy could be adopted. He also informed that theirs is not a commercial organization and there cannot be any question of generating profit by Mayo College Ajmer. JS(SE) stated that primafacie collaboration in school system may be permissible but franchisee system need to be properly looked into taking into account its legal aspects also.

After detailed deliberations the recommendations of the Affiliation Committee were then approved with the above observations.

# TO CONSIDER THE RECOMMENDATIONS OF THE ADVISORY COMMITTEE OF THE ALL INDIA PRE-MEDICAL/PRE-DENTAL ENTRANCE EXAMINATION MADE AT ITS MEETING HELD ON 6<sup>TH</sup> SEPTEMBER 2007.

The Controller of Examinations informed the House that the meeting of the Advisory Committee of AIPMT examination was held on 6<sup>th</sup> September 2007 and further informed that till now the application form used to be attested by the Principal/Head of the Institution but now it has been allowed to be attested by the Gazetted Officer in order to avoid unnecessary harassment to the candidates.

Revised syllabus has also been approved by our Committee and MCI and implemented.

Shri S.C. Khuntia, Joint Secretary, MHRD informed the House that there was a parliament question on the syllabus of AIPMT and AIEEE. There is a need of common component in the syllabus particularly in science subjects.

Shri Raj Kapoor, Asstt. Director General (ME), DGHS informed that there is no age limit for Medical Profession and as such the number of attempts should not be reduced any further.

With these observations the House resolved that the minutes be approved.

### TO CONSIDER THE RECOMMENDATIONS OF THE FINANCE COMMITTEE MADE AT ITS MEETING HELD ON 15<sup>TH</sup> NOVEMBER 2007.

The Secretary informed the House that an important decision has been taken by the Board with reference to Item X to extend boarding and lodging facilities to the CBSE awardee teachers on the eve of CBSE Awards to Teachers distribution.

Mrs. Anita Setia, Dy. Director of Education, Distt. South, Directorate of Education, Govt. of NCT, Delhi pointed out that Government teachers are not considered for CBSE.

The Chairman, CBSE replied that State award is there for Government schools. CBSE award was started for CBSE independent schools only.

Shri Ashok Gupta, Principal, India International Public School, Jaipur informed that KVS, NVS and Government schools have their separate quota for awards.

Shri S.C. Khuntia, Joint Secretary, MHRD also informed that CBSE award is meant separate for independent schools.

Shri S.K. Setia, DPI, Chandigarh informed that Chandigarh has their own award but teacher of Government Schools are also considered for CBSE award.

With these observations the House resolved to approve the minutes of the meeting.

ITEM VI TO CONSIDER THE ASSOCIATION OF CHHATISGARH SITUATED CBSE SCHOOLS WITH THE PROPOSED REGIONAL OFFICE, CBSE, BHUBANESHWAR FOR VARIOUS EXAMINATION PURPOSES.

The Secretary informed the House that in the last meeting of the Governing Body of the Board it was decided to open a Regional Office at Bhubaneshwar. It was then decided that the state of Ghhatisgarh would be under the jurisdiction of RO, Ajmer. Subsequently, the comments of the Directorate of Education, Chhatisgarh and the schools situated in Chhatisgarh have been sought whether these schools would like to continue with the Regional Office, Ajmer or would like to be associated with the proposed Regional Office at Bhubaneshwar or Patna. Directorate of Education, Chhatisgarh and most of the CBSE schools situated in Chhatisgarh have desired to be associated with the proposed Regional Office, Bhubaneshwar and not with Patna.

The Chairman, CBSE also informed that he has feedback from Jharkhand State also where the schools are willing to be associated with Bhubaneshwar Regional Office instead of Patna as Patna is much more difficult.

It was also informed by the Joint Commissioner, KVS that in Kendriya Vidyalaya Sangathan, the Jharkhand State is with Bhubaneshwar Regional Office. In view of above it was decided by the body that the States of Chhatisgarh and Jharkhand may be put under the jurisdiction of Bhubaneshwar Regional Office.

### ADD. ITEM I TO CONSIDER THE RECOMMENDATIONS OF THE IMPLEMENTATION COMMITTEE OF THE AIEEE MADE AT ITS MEETING HELD ON 27<sup>TH</sup> JULY 2007.

Shri Pitam Singh, HOD (Spl. Exams.), CBSE explained the decisions taken by the Implementation Committee of AIEEE made at its meeting held on 27<sup>th</sup> July 2007 in details. With reference to Item IV regarding revision of syllabus for AIEEE 2008, the HOD(Spl.Exam.) informed the House that all State Boards were requested to send their syllabus which was placed before the Committee of Experts. The Committee considered the revised syllabus and approved the proposed syllabus which has been placed on CBSE website. Revised syllabus has also been implemented. Joint Secretary (SE) desired that the changes need to be highlighted and informed to all the students for their benefit. The HOD(Spl Exam.) further informed that the number of candidates likely to appear in 2008 examinations will be approximately 7.5 lakh. To reduce the number of candidates—there is a need to restrict the number of chances from 2009 examinations. He also informed that 67000 students got negative marks in 2007 examinations.

Shri G. Neelakantan, Principal, Sir Sivaswami Kalalaya Sr. Sec. School, Mylapore suggested that there is a need to rethink the system as candidates failing in three subjects gets through IIT/AIEEE.

Shri S.K. Setia, DPI, Chandigarh also informed that a candidate getting 67% marks gets no seat whereas a candidate getting 40% marks gets seat in IIT.

The Chairman, CBSE informed that Central Counselling Board (CCB) should not fill up the seat from those students who scores below 05% marks in AIEEE.

The House also deliberated upon the issue of quota of seats under AIEEE especially in view of the fact that a number of students getting very low or negative marks are getting into the professional colleges while a large number of students securing high marks are not able to get admission due to seat quota restrictions.

The House after deliberations resolved that minutes of the Implementation Committee be approved.

### ADD. ITEM TO CONSIDER THE RECOMMENDATIONS OF THE CURRICULUM COMMITTEE MADE AT ITS MEETING HELD ON 30<sup>TH</sup> NOVEMBER 2007.

While discussing the minutes of the meeting of the Curriculum Committee held on 30<sup>th</sup> November 2007 the Chairman, CBSE informed that there is a need to develop communication skills amongst the students.

Shri G. Neelakantan, Principal, Sir Sivaswami Kalalaya Sr. Sec. School, Mylapore also expressed that there is a need for training programme from Class III to VIII for spoken English. He also spoke about assessment of spoken English as a part of continuous and compehensive evaluation.

Shri S. Sen, Deputy Director General, Confederation of Indian Industry also opined that spoken English is very important to get jobs.

Shri S.C. Khuntia, Joint Secretary, MHRD stressed the need for introduction of more vocational courses and need for a joint certification. For Health Course, he advised to approach Public Health Foundation of India for joint certification. Public Health Foundation of India has been set up by the Rural Development Ministry. He also informed that from Mangolia students have come for higher studies in India. So there is a need for joint certification.

The Joint Secretary(SE) also suggested that a system of joint certification with international Boards can also be thought by the CBSE. Under this, he elaborated Indo-Mangolian schools example. For this it may be examined whether Maths and Science can be taught in English and evaluated by CBSE and Languages/Social Science can be taught in these countries and evaluated by themselves. Thereafter a joint certification can be issued by the CBSE and the other national boards.

The Chairman, CBSE informed that development of World Social Science syllabus is already in progress.

The Chairman, CBSE further informed that there are 12 foreign languages in the curriculum of the CBSE and option is available there.

Shri Pramod Sharma, Former Chairman, IPSC & Principal, Mayo College, Ajmer informed that German language teacher is not available in India. He also opined that Hotel Industry Certificate Course of six to twelve months be considered for introduction.

The House resolved that recommendations of the Curriculum Committee be approved with the above observations.

### ADD. ITEM TO CONSIDER THE RECOMMENDATIONS OF THE EXAMINATION COMMITTEE MADE AT ITS MEETING HELD ON 4<sup>TH</sup> DECEMBER 2007.

While discussing the minutes of the meeting of the Examination Committee held on 4<sup>th</sup> December 2007 with particular reference to Item VIII, the Controller of Examinations informed that an important decision has been taken with regard to blind candidates. Blind candidates are eligible to study Music or other optional subjects in place of Mathematics. Blind candidates may be allowed to study these subjects in such a school which is not having affiliation for such subjects in respect of blind candidates.

Shri G. Neelakantan, Principal, Sir Sivaswami Kalalaya Sr. Sec. School, Mylapore opined that dyslexic can be allowed to use calculator in the examination in lieu of extra time and the amaneunsis.

The Chairman, CBSE informed that if physically challenged do not use the service of an amanuensis then they can be allowed to use the calculator.

With the above observations, the House resolved that the recommendations of the Examination Committee be approved.

### ADD. ITEM TO CONSIDER THE RECOMMENDATIONS OF THE IV AFFILIATION COMMITTEE MADE AT ITS MEETING HELD ON 24<sup>TH</sup> DECEMBER 2007...

The Secretary informed the House with reference to Item III that on the recommendations of the Technical Committee regarding relaxation of land norms of the Board to minimum one acre in respect of Panchkula city out of municipal limit and Mohali (old SAS Nagar) has been approved by the Affiliation Committee. He also informed that each school will promote inclusion of students with disabilities/special needs.

He informed the House with reference to Item V that every affiliated school shall sponsor regularly its bonafide and eligible students in Board's Class X and XII examination from the year mentioned while granting affiliation/upgradation without break or inform the reasons thereof in writing well in time about non sponsoring the candidates.' Failure to do so will lead to suo motto withdrawal of the affiliation of the school for secondary and senior secondary examinations as the case may be. He also informed the House with reference to item VI that school should have facility of broad-band connectivity with the feature of 'internet always on' from any service provider. He further informed the House with reference to Item VII that the Board has increased the affiliation fee in order to meet the additional expenditure to be made on account of revision in remuneration and local conveyance payable to the members of the inspection committee. He further informed that the Board shall pay maximum amount of Rs.1250/- in respect of A1 and A Class cities and Rs.1000/- for other classified cities per night for maximum two nights or actual stay subject to the production of the bill and certificate from the inspector that he has not availed any hospitality from the school. In addition, TA as per entitlement shall also he paid to the inspectors. This provision has been made in order to encourage fair inspection report.

With the above observations, the House resolved that the recommendations of the Affiliation Committee be approved.

ADD. ITEM TO CONSIDER THE RECOMMENDATIONS OF THE V FINANCE COMMITTEE MADE AT ITS MEETING HELD ON 26<sup>TH</sup> DECEMBER 2007.

Shri Sanjay Kumar, Desk Officer, MHRD who attended the meeting on behalf of Shri S.K. Ray. F.A. expressed with reference to Item VII that decision regarding change in nomenclature may be implemented only after the concurrence of the Financial Advisor of MHRD. The Chairman. CBSE can thereafter issue the order on behalf of the Governing Body.

Shri Ashok Gupta, Principal, India International Public School, Jaipur requested that all circulars and publications be sent to all the members of the Governing Body of the Board.

The Secretary, CBSE thanked all the distinguished members of the Governing Body of the Board for sparing their precious time for attending this meeting and wished them a very happy new year 2008.

The meeting then ended with a vote of thanks to the Chair.

Sd/-(VINEET JOSHI) SECRETARY

Sd/-(ASHOK GANGULY) CHAIRMAN

#### ANNEXURE - I

The list of members who attended the meeting and those who could not be present is given hereunder:

#### THOSE PRESENT:

- O1. Shri Ashok Ganguly, Chairman,C.B.S.E.,2, Community Centre, Preet Vihar,Delhi-110092.
- O2. Sh. Sandeep Kumar,
  Director of Education,
  Directorate of Education,
  Govt. of NCT of Delhi,
  Old Secretariat,
  Delhi-110054.
- 03. Shri S.K. Setia,
  DPI (Schools),
  U.T. Secretariat,
  Sector-9,
  Chandigarh-160017.
- 04. Smt. Neelam Verma,
  Deputy Director of Education,
  ( Schools/North ),
  Directorate of Education,
  Govt. of NCT of Delhi,
  Lucknow Road,
  Near Timarpur,
  Delhi 110054.
- 05. Smt. Anita Setia
  Dy. Director of Education,
  Distt. South,
  Office of the Deputy Director
  of Education,
  "C" Block, Defence Colony,
  New Delhi.

06. Shri T.C. Arora,
Additional Director – II,
Municipal Corporation of Delhi,
Education Department ( Hqrs. )
Nigam Bhawan,
Kashmere Gate,
Delhi – 110006.

Rep. of Shri K.C. Sharma Add. Director, MCD.

07. Sh. S.C. Kaushik,
Coordinator (Computers)
New Delhi Municipal Committee,
Palika Kendra,
Sansad Marg,
New Delhi-110001.

Representative of Smt. Mamta Kochar, Director of Education, NDMC.

08. Shri Sanjay Kumar, Desk Officer (IFD), Deptt. of Education, MHRD, Shastri Bhawan, New Delhi.

Rep. of Shri S.K. Ray, J.S. & FA, MHRD.

- 09. Dr. (Ms.) Savita M. Datta,
  Director,
  Campus of Open Learning,
  University of Delhi,
  Delhi-110007.
- 10. Cpt. (IN) V K Verma, Chairman, IPSC and Principal & Director, Motilal Nehru School of Sports, Rai, Distt. Sonipat, Haryana.
- 11. Shri Pramod Sharma,
  Former Chairman, IPSC &
  Principal,
  Mayo College,
  Ajmer, (Rajasthan)

12. Shri U.N. Singh,
Jt. Commissioner (Academic)
Kendriya Vidyalaya Sangathan.
18. Institutional Area,
Shaheed Jeet Singh Marg,
New Delhi-110016.

Rep. of Shri R. Jamuda, . Commissioner, KVS

13. Dr. P. Kumar,
Add. Secretary,
Medical Council of India,
Sector – 8,
Pocket- 14, Dwarka,
New Delhi-110075.

Rep. of Shri ARN Setalvad Secretary, MCI

- 14. Mr. S. Sen,
  Deputy Director General,
  Confederation of Indian Industry.
  23. Institutional Area,
  Lodhi Road,
  New Delhi-110003.
- 15. Shri D. Dasgupta,
  Deputy Secretary (Cordn.)
  Sangeet Natak Academic,
  Rabindra Bhawan,
  Ferozshah Road,
  New Delhi -110001.

Rep. of Shri Jayant Kastuar, Secretary, Sangeet Natak Academy.

- 16. Prof. C.K. Saluja,
  Deptt. of Education,
  University of Delhi,
  Delhi 110007.
- Shri G. Neelakantan,
  Principal,
  Sir Sivaswami Kalalaya Sr. Sec. School.
  Sundareswarar Street,
  Mylapore,
  Chennai 600004.
- 18. Shri G.S. Negi,
  Principal,
  Bhartiya Vidya Bhavan,
  K.G. Marg,
  New Delhi-110001.

- Shri S.C. Khuntia,
   Joint Secretary (SE),
   Deptt. of Secondary & Higher Education,
   M.H.R.D.,
   Shastri Bhawan,
   New Delhi-110001.
- Shri S.S. Mawai,
  Principal,
  Govt. Sarvodaya Boys Senior Sec. School,
  Dallupura,
  Delhi.
- 21. Dr. S.M. Stella Kujur,
  Principal,
  Govt. Sarvodaya Girls Sr. Sec. School,
  Samalka,
  New Delhi.
- 22. Shri Chand Singh Bijiyan,
  Principal,
  Govt. Sarvodaya Co- Education
  Sr. Sec. School,
  Kailash Enclave,
  Saraswati Vihar,
  Delhi.
- 23. Smt. Madhulika Sen,
  Principal,
  Tagore International School,
  Paschimi Marg,
  Vasant Vihar,
  New Delhi.
- 24. Prof. Raj Kapoor, Asstt. Director General (ME), D.G.H.S., Nirman Bhawan, New Delhi- 110001.
- 25. Mrs. Saroj Gupta,
  Principal,
  Govt. Model Sr. Sec. School,
  Sector 19,
  Chandigarh.

- 26. Shri Ashok Gupta,
  Principal,
  India International Public School,
  Jaipur,
  Rajasthan.
- 27. Shri Vineet Joshi, Secretary, C.B.S.E., 2, Community Centre, Preet Vihar, Delhi- 110092.

#### The following officers attended the meeting as Special Invitees:

- 01. Shri Pitam Singh, HOD (Spl. Exams.) C.B.S.E., Patpar Ganj, Delhi.
- O2. Shri M.C. Sharma,
  Controller of Examinations,
  C.B.S.E.,
  2, Community Centre,
  Preet Vihar,
  Delhi-110092.
- 03. Smt. Chitralekha Gurumurthy; Director ( Academic ), C.B.S.E., Shiksha Sadan, 17, Rouse Avenue, New Delhi-110002.

#### The following members could not attend the meeting:

- 01. Shri S.N. Jha,
  Director of Education,
  Govt. of A. & N. Island,
  Port Blair-744101.
- 02. Shri B.N. Bajpayee,
  Additional Director of Education,
  Directorate of Education,
  Govt. of NCT of Delhi,
  Old Secretariat,
  Delhi 110054.
- 03. Prof. Nayanjot Lahiri, Dean of Colleges, University of Delhi, Delhi-110007.
- 04. Prof. Y.C. Simhadri, Vice Chancellor, Patna University, Patna.
- 05. Prof. Achyutanand Misra,
  Vice Chancellor,
  Makhanlal Chaturvedi National
  University of Journalism,
  E-8, Trilochan Nagar,
  P.O. Box RSN 560,
  Bhopal 462039
- Prof. D. Dongaonkar,
  Secretary General,
  Association of Indian Universities,
  AIU House,
  16, Kotla Marg,
  New Delhi 110002.
- 07. Dr. H.C. Rai,
  Adviser ( E & T )
  All India Council for Technical
  Education,
  7<sup>th</sup> Floor, Chanderlok Building,
  New Delhi 110001.

- 08. Dr. B.S. Bisht,
  Assistant Director General (HRD –I),
  Room No. 217,
  Indian Council of Agricultural Research,
  Krishi Anusandhan Bhawan II,
  Pusa,
  New Delhi 110012.
- 09. Dr. V. Prakash,
  Director,
  Central Food Technological Research Institute,
  Mysore-570013
- 10. Sister Philomina George, Principal, Ursuline Sr. Sec. School, Kannur, Kerala.
- Smt. Annie Koshi,
   Principal,
   St. Mary's School.
   Safdarjung Enclave,
   New Delhi.
- 12. Prof. Bharati Baveja,
  Head, Department of Education,
  Central Institute of Education ( CIE ),
  Delhi and Dean,
  Faculty of Education,
  University of Delhi,
  Delhi.
- Mrs. Vijailaxmi Srivatsan,
  Principal,
  P.S. Sr. Sec. School,
  Mylapore,
  Chennai 60004.
- 14. Mrs. C. Manoharan,
  Principal,
  St. Thomas Girls Sr. Sec. School,
  Mandir Marg,
  New Delhi.

#### The following Officers of the Board were in attendance:

- O1. Shri Dharampal Singh, Joint Secretary ( A & L ), CBSE, 2, Community Centre, Preet Vihar, Delhi.
- 02. Shri B.M. Gupta, Head (CC), C.B.S.E., 2, Community Centre, Preet Vihar, Delhi-110092.
- 03. Shri Ajay Mishra, Sr. Accounts Officer ( Hqrs. ) C.B.S.E., 2, Community Centre, Preet Vihar, Delhi-110092.

#### ANNEXURE - II

MINUTES OF THE MEETING OF AFFILIATION COMMITTEE HELD ON 11.10.2007 at 12.00 NOON IN THE CHAMBER OF THE CHAIRMAN, CBSE, PREET VIHAR, DELHI.

#### Present:

1. Shri Ashok Ganguly, Chairman, CBSE. Preet Vihar. Delhi-110092

In the Chair

2. The Joint Secretary(SE), Deptt. of Sec. & Higher Education, M.H.R.D., Shastri Bhawan. New Delhi-110001.

Member

3. The Director, Directorate of Education, Govt. of NCT of Delhi, Old Secretariat, Delhi-110054

Member

4. Smt.Annie Koshi, Principal, St. Mary's School, B-2, Block Safdarjang Enclave, New Delhi-110029.

Member

5. Shri Neelankantan, Principal, 5, Sundareswarar Street, Mylapore,

Member Chennai-600004

Shri G S Negi, Principal, Bhartiya Vidya Bhavan. K G Marg, New Delhi-110001.

Member

7. Shri Vineet Joshi, Secretary, CBSE, Preet Vihar, Delhi - 110092.

Member Secretary

Shri Joseph Emmanuel, Deputy Secretary, Affiliation and Shri U C Bodh, Assistant Secretary (Affiliation) were also present in the meeting

The Committee deliberated on the notes of each item of Agenda of the Meeting as per the provisions laid down in the Affiliation Bye-Laws of the Board and resolved as under:

TO CONFIRM THE MINUTES OF THE LAST MEETING OF THE AFFILIATION COMMITTEE HELD ON 16.5.2007.

The Minutes of the last meeting of the Affiliation Committee held on 16.5.2007 be confirmed.

TO CONSIDER ACTION TAKEN REPORT ON THE MINUTES OF THE LAST MEETING OF THE AFFILIATION COMMITTEE HELD ON 16.5.2007

The report of the follow up action taken on the Minutes of the meeting of the Affiliation Committee held on 16.5.2007 be recorded.

TO CONSIDER THE CASE OF "SHRI GURU RAM RAI PUBLIC SCHOOL", BOMBAY BAGH, DEHRADUN, UTTARANCHAL FOR SPONSORING UNAUTHORIZED CANDIDATES OF SHRI GURU RAM RAI PUBLIC SCHOOL, GOVINDPURAM, GHAZIABAD IN BOARD'S EXAMINATION HELD IN THE YEAR 2005.

The Committee considered the item and observed that the school was affiliated with the Board upto Senior Secondary level and it was downgraded to secondary level w.e.f. the academic session 2007-08 due to sponsoring of students of Shri Guru Ram Public School, Govindpuram, Ghaziabad in AISSE 2005.

The Committee noted the prayer of the School Management and looking at the philosophy and intention of the society which is running the school as well as its assurance for not to repeat such mistakes in future, it was resolved by the Committee to restore the Senior Secondary status of the school w.e.f. 1.4.2007 with a severe warning to the School Management for

not repeating such mistakes in future. Also a copy of the warning may be put on the website of the Board for the information of the general public.

## TO CONSIDER THE REQUEST OF NAVAL CHILDREN SCHOOL, INS, RAJALI, AARAKKONAM, TAMILNADU FOR EXTENSION OF GRANT OF APPROVAL OF MIDDLE CLASS SYLLABUS BEYOND 31.3.2008.

The Committee noted that Naval Children School, INS, Rajali, Aarakkonam, Tamil Nadu was given approval of Middle Class syllabus initially for a period of 03 years w.e.f. 1.4.1999 and further extension was granted upto 31.3.2008. The Committee noted that the school is not in a position to expand to secondary level for another three years but considering the fact that the Naval Air Station, INS, Rajali is in a growing stage and more units are likely to be positioned within the Naval Air Station by the year 2011 resolved that extension of Middle Class Syllabus approval of the school may be extended for a further period of three years w.e.f. 1.4.2008 to 31.3.2011 looking at the special needs of the Naval Air Station.

### TO CONSIDER GRANT OF PROVISIONAL AFFILIATION TO HARVEST PUBLIC SCHOOL, NEAR MAMATA HOSPITAL, PAKABANDA BAZAR KHAMMAM, ANDHRA PRADESH.

The Committee noted that the school is running on a campus area of 3389 sq.mtr. land and another plot of 2 acre land is lying at a distance of 40 ft. The Committee further noted that a road is dividing both the plots and the second plot of two acre is being used by the school for playground purpose. The Committee observed that the school is situated in the State of Andhra Pradesh where CBSE is looking for expansion. Therefore, considering this aspect in mind, the Committee resolved that Provisional Affiliation, upto Secondary level may be granted to the school w.e.f. 1.4.2007 for a period of three years with the condition that no request of the school for upgradation to Senior Secondary level will be considered without construction of a portion of school building in the land area of 2 acres.

## TO CONSIDER THE CASE OF SUDHIR MEMORIAL INSTITUTE, DOTALA, JESSORE ROAD, MADHYAMGRAM, NORTH 24 PARGANAS WEST BENGAL IN RESPECT OF ABNORMAL INCREASE IN NUMBER OF SECTIONS AT CLASS XI AND CLASS XII.

The Committee observed that Sudhir Memorial Institute, Dotala, Jessore Road, Madhyamgram, North 24 Parganas (WB) is affiliated with the Board upto+2 level and the school was served with a show cause notice for serious irregularities such as disproportionate increase in number of sections at Senior Secondary stage as compared to that of middle and secondary level, conduct of practical examination of AISSCE 2007 by appointing external examiners at its own without taking prior approval of the Board, non-following of staff and-service conditions as per norms etc. The Committee noted that the Board has already restricted the number of sections in the school in classes IX to XII to four each with 40 students per section from the academic session 2008-09. The Committee after deliberations resolved that the decision of the Board to restrict number of sections in the school from classes IX to XII may be continued with for the next two years and any further request for increase in the number of sections may be considered only after a lapse of two years from the academic session 2008-09, of course looking into the strength in lower classes.

### ITEM-7 CONSIDERATION OF REQUEST FOR GRANT OF PROVISIONAL AFFILIATION UPTO SECONDARY STAGE TO SARVADA MODERN SCHOOL, SADATPUR EXTENSION, DELHI-110094

The Committee considered the item and observed that the school building has been constructed on land area of 600 sq.yards and another plot of 600 sq.yards is being used by the school as a playground is at a distance of 50 yards. The Committee also observed that a road is dividing both the plots and the school does not have land area of atleast 1000 sq.mtr. at a single site for considering its case for grant of affiliation upto secondary level along with the similar cases of such Delhi schools that are running on land area between 1000-2000 sq.mtr. with recognition from Directorate of

Education, Delhi on or before 20.12.2002. Therefore, the Committee after deliberations resolved to reject the application of the school for grant of provisional affiliation upto secondary level.

# TO REPORT ACTION TAKEN IN THE CASE OF K R MANGALAM WORLD SCHOOL, VIKASPURI, NEW DELHI FOR GRANT OF COMPOSITE PROVISIONAL AFFILIATION WITH THE BOARD UPTO SENIOR SECONDARY LEVEL.

The Committee noted that the school has been granted Provisional Affiliation upto Senior Secondary level w.e.f. 1.4.2007 to 31.3.2010 on the basis of recognition given by the Directorate of Education, Delhi upto Senior Secondary level. The Committee observed that the Inspection Committee inspected the school on 23.3.2007 reported that the facilities and infrastructure created by the school is very much in tune with the requirement of Senior Secondary level. The Committee after deliberations resolved to approve the decision taken by the Board for grant of Composite Provisional Affiliation to the school upto Senior Secondary level.

Also the Committee resolved that schools situated in other parts of the country may also be considered for grant of affiliation upto Senior Secondary level provided they have required facilities and infrastructure upto Senior Secondary level. It was also resolved by the Committee that the office may develop a mechanism for accreditation and assessment of schools in the pattern of NAAC, set up by the UGC so that schools could be graded appropriately.

## TO REPORT ACTION TAKEN IN THE MATTER OF RESTORATION OF SENIGR SECONDARY STATUS OF RISHI GALAV PUBLIC SCHOOL, DEEN DAYAL NAGAR, MORAR, GWALIOR, MADHYA PRADESH.

The Committee observed that school was downgraded from Senior Secondary to Secondary level from the academic session 2007-08 due to various deficiencies including the irregularity of grant of admission to 10 students directly in Class X without permission from the Board in the

academic session 2004-05. The Committee also observed that the school was inspected twice after downgradation by the Committees deputed by the Board.

The Committee which inspected the school on 21.4.2007 observed certain deficiencies which were mostly administrative short comings and as such on the basis of a representation received from the school management another Committee was constituted for inspection of the school on 4.8.2007. The Inspection Committee inspected the school on 4.8.2007 and reported that the school has removed almost all the deficiencies and recommended its case for restoration of +2 status. Therefore, the Affiliation Committee on the basis of the recommendations of the said Committee resolved to approve restoration of Senior Secondary status of the school w.e.f.1.4.2007 with a restriction in the number of sections to two each from classes IX to XII with an optimum number of 40 students per section.

## ITEM-10 TO REPORT ACTION TAKEN AGAINST PREM BAHADUR SINGH PUBLIC SCHOOL, BADOHI (UP) AND DAYAWATI PUNJ MODEL SCHOOL, SITAMARHI, BADOHI (UP).

The Committee noted the action taken by the office with regard to downgradation of Prem Bahadur Singh Public School, Badohi (UP) from Senior Secondary level to Secondary level with the direction to not to run class XI and XII from 1.4.2008 for sponsoring the students of Dayawati Punj Model School, Sitamarhi, Badohi in Class X Exam. of the Board held in the year 2007. The Committee further noted that the present class XI students of Prem Bahadur Singh Public School will be allowed to take admission in class XII of other affiliated schools with the Board in the academic session 2008-09. The Committee also noted that Dayawati Punj Model School, Sitamarhi, Badohi has beer, debarred for two years from applying for upgradation to+2 stage and as such it cannot seek upgradation before the academic session 2010-2011. The Committee after deliberations resolved to approve the above decisions taken by the Office.

## TO REPORT ACTION TAKEN IN THE CASE OF LITTLE ANGLES ENGLISH SCHOOL, UKHRL, MANIPUR FOR GRANT OF SPECIAL PERMISSION TO SPONSOR STUDENTS AT AISSE 2008.

The Committee observed that the school is situated in the State of Manipur where ethnic problems and rivalry between different groups led to underground activities. The Committee noted that the school is located at a place where certain segments of the society want affiliation of the school with Nagaland Board which is not feasible due to location of the school in Manipur state. This forced the school to start class IX prior to affiliation with the Board. Therefore, the Committee after deliberations resolved to approve the decision taken by the office for grant of special permission to the students of the school in AISSE 2008.

### TO REPORT ACTION TAKEN BY THE CHAIRMAN/SECRETARY REGARDING:

The Committee considered the following cases approved by the Chairman/Secretary and resolved to approve the action taken as per the list placed before the Committee.

a.	APPROVAL OF MIDDLE CLASS SYLLABUS  TOTAL SC	
h	CPANT OF COMPOSITE PROVIDENCE	16
Ų.	GRANT OF COMPOSITE PROVISIONAL AFFILIATION	158
C.	GRANT OF UPGRADATION TO +2 STAGE	
d	WITHDRAWAL OF AFEILLATION TO BE A STATE OF THE STATE OF T	105
u.	WITHDRAWAL OF AFFILIATION/DOWNGRADING	04
	FROM SR. LEVEL TO SEC. LEVEL.	
e.	SANCTION OF EXTENSION OF PROVISIONAL AFFILIATION	404
£	DEPMICEION FOR MITTON	131
١.	PERMISSION FOR INTRODUCTION OF ADDITIONAL SUBJECT	300
	(S)	

## CONSIDERATION OF CASES OF SCHOOLS SOUGHT SPECIAL PERMISSION FOR AISSE/AISSCE-2008 BY OPENING CLASSES IX/XI IN VIOLATION OF RULES OF THE BOARD.

The Committee observed that all the schools, except at SI. No.5, whose names appearing in the Annexure of the Agenda Item are affiliated with the Board upto Secondary level and have sponsored students in Class X.7 Examinations of the Board for more than three years. With regard to SI. No. 5, the said school has taken affiliation with the Board after cessation of its affiliation with State Board. The Committee observed that the request made

by the school is justified in view of the fact that its students have reached upto class XII level due to natural growth. The Committee in the light of above, after detailed deliberations resolved to allow the class XII students of the schools in AISSCE 2008 as a special case with a severe warning to the school management. The Committee further resolved that any violation of norms of affiliation by the above schools in future will lead to suo- moto withdrawal of affiliation. The Committee also resolved that the Board should write to all Secondary schools not to start class XI without explicit approval of its upgradation.

## ITEM-A-2 TO CONSIDER THE REQUEST OF THE APPLE GROVE SCHOOL, SAHARANPUR, (UP), FOR GRANT OF PROVISIONAL AFFILIATION UPTO SECONDARY LEVEL.

The Committee noted that the school was affiliated with the Board upto Secondary level for a period of two years w.e.f. 1.4.2003 to 31.3.2005 with the condition that it will complete construction of the new campus and building at a site of 1.75 acres land and shift the school there within the stipulated period. The school could not comply with the said condition within the prescribed period and requested extra time for fulfillment of its commitment, the Board extended the affiliation of the school for another one year upto 31.3.2006. But even then the school could not comply with the above condition. Therefore, the extension of provisional affiliation of the school beyond 31.3.2006 was not granted by the Board.

The Committee noted the latest representation of the school management that they have a land area of 6259 sq. mtr. comprising two plots measuring 1505 sq.mtr. (belonging to the society on which the school building has been constructed) and another plot is of 4754 sq.mtr. (belonging to Nagar Palika Parishad which has been allotted to the school for sports and other activities of the children of the school). The Committee further noted that school management also submitted an MOU between the school management and Nagar Palika Parishad on Non-Judicial stamp paper of

Rs.100/- wherein the latter accepted the request of the school for maintenance of above municipal land area of 4754 sq.mtr. adjacent to the school campus of 1505 sq.mtr. with a 30 ft. wide road passing in between both the plots.

The Committee in the light of above after detailed deliberations resolved to grant composite provisional affiliation to the School upto secondary level for a period of three years w.e.f. 1.4.2007 to 31.3.2010 with the condition to fulfill the mandatory provision of requisite minimum land area within a period of three years. The Committee also resolved that no further extension of provisional affiliation or upgradation of the school shall be considered without fulfillment of the mandatory provisions of requisite land. Also it was resolved by the committee to allow the present class X students of the school to appear at AISSE 2008 as a special case.

# TO CONSIDER THE CASE OF BHOLANANDA NATIONAL VIDYALAYA, 55 & 56, BARRACK ROAD, P.O. BARRACKPORE, DISTT. 24 PARGANAS (NORTH), W.B IN RESPECT OF ABNORMAL INCREASE IN NUMBER OF SECTIONS AT CLASS XI AND CLASS XII.

The Committee considered the item and observed that there is disproportionate increase in the number of sections at Sr. Secondary classes compared to that at classes I to X. The Committee also observed that there is substantial evidence against the school that it is running classes in collaboration with other unaffiliated schools. Also, the school does not have adequate teaching staff and other facilities required for accommodating such a large number of students in classes XI and XII.

The Committee in the light of above and after detailed deliberations resolved to restrict the number of sections in the school at Sr. Secondary Level to 64 each in classes XI and XII w.e.f the academic session 2008-09.

CONSIDERATION OF JOINT INSPECTION REPORT OF APS ACADEMY, SENANI VIHAR, LUCKNOW (UP) CONDUCTED BY CBSE AND GOVT. OF UP AS PER ORDERS OF THE HON'BLE HIGH COURT OF JUDICATURE, ALLAHABAD, LUCKNOW BENCH IN WP NO.1087 (MS) 2006.

The Committee in the light of orders of the Hon'ble High Court of Allahabad considered the inspection report of the Joint Committee of CBSE and Govt. of U.P that inspected the school on 06<sup>th</sup> Sep. 2007 and observed that there is no substantial variation between the reports of inspection of the school conducted by the Committee deputed by the CBSE and the Joint Inspection Committee of CBSE and Govt. of U.P.

The Committee after detailed deliberation resolved to accept the inspection report of the joint committee inspected the school on 6<sup>th</sup> Sep 2007 and also approved the decision taken by the Board for Grant of Upgradation to the school upto Sr. Secondary level on the basis of recommendation of the inspection committee inspected the school on 07<sup>th</sup> Oct 2006.

The meeting then ended with a vote of thanks to the Chair.

Sd/-(VINEET JOSHI) SECRETARY

Sd/-(ASHOK GANGULY) CHAIRMAN

### **ANNEXURE-III**

MINUTES OF THE MEETING OF THE ADVISORY COMMITTEE OF THE ALL INDIA PRE-MEDICAL/PRE-DENTAL ENTRANCE EXAMINATION HELD ON 06-09-2007 AT 11.00 A.M. IN THE CONFERENCE ROOM OF THE CBSE, HQ AT PREET VIHAR, DELHI.

#### Present :-

01. Shri Ashok Ganguly

In the Chair

Chairman

Central Board of Secondary Education

"Shiksha Kendra"

2, Community Center, Preet Vihar,

Delhi-110 301

02. Prof. (Mrs.) Nayanjot Lahiri

Dean of Colleges Delhi University Delhi-110 007

03. Dr. Davinder Kumar

**Deputy Secretary** 

Medical Council of India

Plot No.14, Sector-08, Dwarka

New Delhi

04. Dr. Raj Kapoor

Asstt. Director General(M)

Directorate General of Health Services Ministry of Health & Family Welfare,

Nirman Bhawan.

New Delhi-110 001

05. Ms. (Dr.) Bijoylakshmi Mishra, Assistant Director (Research)

Association of Indian Universities

AIU House, 16, Kotla Road

New Delhi.

06. Dr. R.K. Sharma

Regional Director of Education

(East & North)

SKV School Building

Geeta Colony

Delhi-110 031

07. Dr. N.T. Venkateshaiah

Principal

Vydehi Institute of Dental Science

# 82, EP/P, Area

Nallurahalli, Whitefield Bangalore-560 010

08. Shri M.C. Sharma

Controller of Examinations

Central Board of Secondary Education

2, Community Centre, Preet Vihar,

Delhi-110 092.

Shri B.M. Gupta, Head (Computer Cell), CBSE, and Shri Sanyam Bhardwaj. Deputy Secretary, AIPMT were also present in the meeting.

The following members could not attend the meeting due to their pre-occupations.

- Prof. (Dr.) K.K. Deepak
   Department of Physiology
   All India Institute of Medical Sciences
   2<sup>nd</sup> floor, Ansari Nagar
   New Delhi-110 029
- Shri P.K: Mohanty
   Deputy Educational Advisor
   Ministry of Human Resource Development,
   Shastri Bhawan,
   New Delhi-110 001
- Shri Vineet Joshi
   Secretary
   Central Board of Secondary Education
   Delhi

At the outset the Chairman extended a very warm welcome to all the distinguished members of the committee. Thereafter he requested the Controller of Examinations to take up the Agenda Items for consideration and deliberations of the Committee.

### Item – I To confirm the minutes of the meeting of the Advisory Committee held on 14.09.2006.

The Controller of Examinations informed the esteemed members that the minutes of the meeting of the Advisory Committee held on 14-09-2006 were duly circulated to all the members for obtaining comments but no comments were received. The minutes of the said committee were also placed before the Governing Body of the Board which met on 22-12-2006 and have been approved by the Governing Body.

The Committee resolved that the minutes of the meeting of the Committee held on 14-09-2006 be confirmed.

### Item - II To receive a report on the follow up actions taken on the minutes of the last meeting of the Advisory Committee held on 14-09-2006.

The Controller of Examinations submitted a report on the actions taken on the last meeting of the Advisory Committee held on 14-09-2006.

The Controller of Examinations also submitted a report on the conduct of the AIPMT, 2007 examination which was conducted very smoothly and the result of which was declared as per stipulated schedule both for the Preliminary and Final Examination.

Further, it was also desired that now henceforth AIPMT Unit should submit a separate report on the action taken on the minutes of the last Advisory Committee.

It was unanimously resolved that follow-up of the actions taken be approved and recorded.

### ITEM-III To consider allotment of centre to candidates with disabilities at their hometowns in AIPMT Examination.

The Controller of Examinations informed to the committee that the Chief Commissioner for Persons with disabilities, Ministry of Social Justice and Empowerment, Government of India vide letter No.U.P./A/CCD/2006/2084 dated 28-02-2006 and No.U.P./A/CCD/2006/5922 dated 27-10-2006 has suggested the Board to formulate a policy for allotment of centre for candidates with disabilities at or near to their home towns.

It was also informed to the committee that there is no human intervention in the allotment of centres to the candidates and centres are allotted through computer under a definite and approved formula which favours no one.

Shri B.M. Gupta, Head (Computer Cell) submitted his opinion that even for the disabled candidates, the policy may be formulated having no human intervention. For this, necessary provision would be made in the Application Form for the candidates to inform to the Board that "Are they disabled or not?"

After deliberations, the committee resolved that the proposal be accepted.

### ITEM – IV To consider the proposal for attestation of Application Form by the Gazetted Officer.

The Controller of Examinations presented before the committee that a large number of candidates due to various reasons change their city of stay from where they have passed their schooling. At times, thus they are not able to get the forms attested by the Head of the Institution and therefore, in certain cases it becomes difficult to accept incomplete

forms. However, regarding attestation of photograph, the Board has made the provision that the same could be attested by the Principal/Head of the Institution / Gazetted Officer.

It was proposed before the committee that the candidates may also be allowed to get the form attested by the Gazetted Officer beside the Principal/Head of the Institution.

After deliberation it was resolved by the committee that although most of the organizations are not asking from the candidates to get the form attested by the Principal/Head of the Institution/Gazetted Officer yet as the AIPMT is very sensitive examination therefore, the form may also be got attested by the Gazetted Officer beside the Principal / Head of the Institution from the year 2008.

The committee resolved that proposal be accepted.

## Item - V To consider the manuscript of the Information Bulletin and Application form and schedule for All India Pre-Medical/Pre-Dental Entrance Examination, 2008.

The Committee discussed in detail the manuscript of the Information Bulletin and Application Form for All India Pre-Medical/Pre-Dental Entrance Examination, 2008 and desired that the changes/additions/deletions as proposed by the Directorate General of Health Services, Medical Council of India and the Board may be incorporated in the Manuscript for AIPMT-2008.

While deliberating on the manuscript of the Information Bulletin, the members of the Committee were of the opinion that in AIPMT examination, on line submission of application may also be started from the year 2008. For the same it was suggested that the Board may formulate the procedure, rules and regulations for the submission

of online application and implement the same from the forthcoming examination and the same may be incorporated in the Information Bulletin.

Further, while deliberating on the schedule of examination it was suggested that the date of dispatch of Admit Cards be advanced by a week i.e. from 09-03-2008 (Friday) to 03-03-2008 (Monday). The committee also approved the revised proposed schedule for AIPMT-2008.

# Item-VI To consider the appointment of Paper Setters/ Moderators and other supporting staff for All India Pre-Medical / Pre Dental Entrance Examination, 2008 both for Preliminary and Final Examinations.

The Committee authorized the Chairman for taking suitable action as per the requirement for appointment of Item Writer/Moderators and other supporting staff for the Preliminary and Final Examination of All India Pre-Medical/Pre-Dental Entrance Examination, 2008.

During deliberations it was placed before the committee that they may also suggest the name of the items writers, moderators and observers etc. keeping in view that they should enjoy high repute and absolute integrity. It was also suggested that the committee members may also be deputed as Observers in AIPMT examination. Members assured their assistance on this issue.

## Item - VII To consider appointment of Coordinators / Observers and other supporting staff for All India Pre Medical / Pre Dental Preliminary and Final Examination - 2008.

The committee authorized the Chairman for taking suitable action.

Item - VIII To consider fixation of examination centres and appointment of Centre Superintendents for All India Pre Medical / Pre Dental Entrance Preliminary and Final Examination - 2008.

The committee authorized the Chairman for taking suitable action.

### Item - IX To report the implementation of the revised syllabus for AIPMT-2008.

It was informed to the committee that the syllabus of AIPMT as per the recommendations of the Advisory Committee held on 14-09-2006 was also supplied to Medical Council of India for taking further necessary action in this matter. After the approval from the different committees, the MCI informed to the Board the revised syllabus be made effective from AIPMT-2008 examination.

During deliberation it was also informed to the committee that the Subject Experts (Chemistry) has suggested that as Nuclear Chemistry has been dropped from the class XII Chemistry book published by the NCERT and viz a viz from the syllabus of AIEEE-2008 hence, the same may also be dropped from the proposed syllabus of AIPMT-2008.

Accordingly, the Board vide letter No.CBSE/AIPMT/MCI/2008 dated 27-07-2007 has also communicated to Medical Council of India for further necessary action on this issue.

The revised syllabus without Nuclear Chemistry was placed on the table for approval. Thereafter the committee resolved that revised syllabus as proposed and placed be accepted for implementation from AIPMT-2008.

Item - X

To report the decision taken by the Board for giving one time exception from the condition of three attempts and 25 years as upper age limit in AIPMT-2007.

The committee noted the decision taken by the Board for giving one time exception from the condition of three attempts and 25 years as upper age limit in AIPMT-2007 examination on the lines of JEE-2006 conducted by IIT as the implementation of these two conditions at such a short notice could have created legal implications.

Item – XI To report the decision of MCI to agree with the proposal for conferment of right to the OCI to take AIPMT examination.

The Controller of Examinations informed to the committee that Medical Council of India vide letter No.MCI-34(1)/2006-Med/23444 dated 19-01-2007 had informed that Executive Committee at its meeting held on 30-12-2006 where the member of the Adhoc committee appointed by the Hon'ble Supreme Court were also present and it was decided that:-

"The members of the Adhoc Committee appointed by the Hon'ble Supreme Court of India and of the Executive Committee of the Council deliberated upon the matter and decided to agree with the proposal for the conferment of right to the OCI to take AIPMT examination conducted by the CBSE provided that the minimum eligibility criteria as shown in the Graduate Medical Education Regulations, 1997 pertaining to eligibility for admission in the medical course are fulfilled by such candidates".

On the presentation of the Controller of Examinations, Dr. Raj Kapoor, Asstt. Director General (Medical Examination), Directorate General of Health Services informed to the committee that the proposal for the conferment of right to the OCI to take AIPMT examination conducted by the CBSE is still under process in the Ministry of Health and Family Welfare hence, the same may not be included in the Information Bulletin of 2008 examination.

The committee resolved that as the communication sent by the Medical Council of India and the information presented by Dr. Raj Kapoor, Asstt. Director General (Medical Examination), Directorate General of Health Services is contradictory hence, the Directorate General of Health Services may be requested to intimate the necessary action initiated by the CBSE for AIPMT-2008. The Medical Council of India may also be informed about the same for taking further necessary action on this issue. The Committee resolved that till that time status quo be maintained.

### Item - XII To consider any other item with the permission of the Chair.

After the deliberation on the Agenda. Dr. Raj kapoor, Asstt. Director General (Medical Examination), Directorate General of Health Services with the permission of the Chair placed before the committee that the Union Ministry of Health and Family Welfare has decided to introduce reservation of SC/ST candidates under 15% All India MBBS/BDS seats from 2008 onwards.

It was further informed that its implementation is subject to the approval of the Hon'ble Supreme Court of India.

The Committee deliberated on this issue in length and decided that looking into the sensitivity of the issue, the Directorate General of Health Services may be requested to intimate the same in writing so that the same could be made part of the Information Bulletin.

The meeting then ended with a vote of thanks to the Chair and other distinguished members of the Committee who rendered their valuable support and guidance from time to time.

Sd/(M.C. Sharma)
Controller of Examinations

Sd/-(Ashok Ganguly) Chairman

### **ANNEXURE - IV**

MINUTES OF THE MEETING OF THE FINANCE COMMITTEE OF THE BOARD HELD IN THE CHAMBER OF THE CHAIRMAN, CBSE, 2, COMMUNITY CENTRE, PREET VIHAR, DELHI-110092 ON THURSDAY, THE 15<sup>TH</sup> November, 2007 AT 11.00 A.M.

### PRESENT:

 Sh. Ashok Ganguly Chairman, CBSE, Delhi.

in the Chair

 Sh. S.C.Khuntia, Joint Secretary(S.E.)
 Deptt. of Sec. & Higher Education, Ministry of Human Resource Development Shastri Bhawan, New Delhi. 110001

Member

 Dr. Ashok Gupta,
 Principal
 India International School Jaipur.

Member

Sh. Sanjay Kumar
 Desk Officer(IFD)
 Ministry of Human Resource Dev.
 Shastri Bhawan,
 New Delhi. 110001.

As representative of JS&FA, Min.of HRD Govt. of India

 Sh. Vineet Joshi Secretary, CBSE Delhi.

Member Secretary

Shri S.K.Ray, JS&FA, Ministry of Human Resource Development, Govt. of India, could not attend the meeting and Shri Sanjay Kumar, Desk Officer(IFD), attended the meeting on his behalf.

Sh. Ajay Mishra, Sr. Accounts Officer, CBSE, was also present.

#### Item No. I

### TO CONFIRM THE MINUTES OF THE MEETING HELD ON 5<sup>TH</sup> JUNE 2007 AND 25<sup>TH</sup> JUNE 2007.

The committee approved the Minutes of the Finance Committee held on 5<sup>th</sup> June 2007 and 25<sup>th</sup> June, 2007.

#### Item No. II

### TO REPORT ACTION TAKEN ON THE MINUTES OF THE MEETING OF THE FINANCE COMMITTEE HELD ON 5<sup>TH</sup> JUNE 2007 AND 25<sup>TH</sup> JUNE 2007.

The Committee noted the action taken on the Minutes of the Finance Committee held on 5<sup>th</sup> June, 2007 and 25<sup>th</sup> June 2007.

#### Item No. III

# TO REPORT ACTION TAKEN BY THE CHAIRMAN DATED 7.9.2007 WITH REGARD TO APPROVAL OF RATE @ RS. 5/- PER APPLICATION FOR PUNCHING OF DATA OF APPLICANTS WHO HAVE APPLIED FOR VARIOUS POSTS IN CBSE

The Committee ratified the orders of the Chairman of the Board with regard to punching of data through private agencies at the rate of Rs. 5/- per application. Further, the Committee advised that an annual tender may be floated for empanelment of the agencies for data punching work and the work may be allotted to them as per requirement at the lowest quoted rates during the year.

#### Item No. IV

### TO CONSIDER REVISION OF PAY SCALE OF JUNIOR HINDI TRANSLATOR FROM RS. 5000-150-8000 TO RS. 5500-175-9000

The Desk Officer, MHRD apprised the Committee that issue of revision of pay scale of Junior/Senior Hindi Translators from other organizations has also been taken up with the Ministry and the Ministry of Home Affairs has already communicated in an parliamentary question (Lok Sabha Unstarred Question No. 1901 for answer on 15.03.2005) that these pay scales have not been approved for Hindi Staff working in offices not participating in Central Secretariat Official Language Services (CSOLS) including Subordinate offices.

In view of the above, the proposal was rejected by the Committee.

Item No. V

# TO CONSIDER REVISION OF RATES OF WASHING ALLOWANCE FROM RS. 30/- TO RS. 60/- FOR GROUP 'D' & 'C' (RESTRICT OF ELIGIBLE EMPLOYEES OF THE BOARD)

The proposal was approved by the Finance Committee thereby revising the rates of washing allowance from Rs. 30/- to Rs. 60/- per month w.e.f. the date of approval of the Minutes of the Finance Committee.

### Item No. VI

## TO REPORT ACTION TAKEN WITH REGARD TO THE FINAL STATUS IN WPC NO. 159/2007 IN CBSE V/S CENTRAL INFORMATION COMMISSION & OTHERS.

The Secretary apprised the members regarding the final verdict of the Hon'ble High Court in the matter for information and reporting as desired by the Finance Committee in its meeting held on 5<sup>th</sup> June, 2007.

### Item No. VII

# TO CONSIDER THE INCREASE IN THE LIMIT OF LATE SITTING ALLOWANCE (LSA) FROM 60 DAYS TO 180 DAYS EXCLUSIVELY FOR THE OFFICERS WORKING IN THE SECRET UNIT

The Members of the Committee deliberated on the issue extensively and approved the proposal of increasing the limit of late sitting allowance from 60 days to 180 days exclusively for the officers working in the Secret Unit. The Committee also advised that a status note on late sitting allowance for Group 'C' and Group 'D' employees may also be placed before the next Finance Committee.

### Item No. VIII

## TO CONSIDER REQUEST OF SMT. CHANCHAL SHARMA, HEAD ASSTT. REGIONAL OFFICE, CBSE, DELHI FOR REIMBURSEMENT OF MEDICAL CLAIM

The Committee rejected the proposal as it was not an emergency case. Moreover, the patient had shifted to an unapproved hospital on her own will when there are hospitals on the panel of CBSE who could provide similar treatment.

#### Item No. IX

### TO CONSIDER REVISION/ENHANCEMENT IN THE RATE OF TELEPHONE CHARGES

The proposal was approved by the Committee whereby the Composite package rate for reimbursement of residence landline/mobile/broadband has been extended to-

a) The Head of Deptts.(HOD) may have broadband facility at their residence with monetary ceiling of Rs. 400/- per month in addition to the present facility of landline/mobile phones. However, there shall be no ceiling of amount for Chairman and Secretary with respect to amount reimbursable for broadband facility at their residence.

the officers of the rank of Jt.Secy. and equivalent, Dy. Secretary and equivalent with the monetary ceiling of Rs. 1500/- per month. The reimbursable amount will be reduced by Rs. 400/- if the officer does not

have broadband facility at their residence

c) Executive Officer to Chairman and Assistant Engineer (Estate) with the monetary ceiling of Rs. 800/- per month.

#### Item No. X

### TO EXTEND BOARDING AND LODGING FACILITY TO THE CBSE AWARDEE TEACHERS ON THE EVE OF CBSE AWARDTO TEACHERS DISTRIBUTION

The members deliberated on the issue and were of the opinion that the Board may extend comfortable and economical arrangement for boarding and lodging to the CBSE awardee teachers along with one companion for two days who visit Delhi from distant areas of the country and also from foreign countries for receiving the awards. The Committee, however, advised for a monetary ceiling of Rs. 1250/per day per room for the purpose of arranging accommodation to the awardees.

#### Item No. XI

# TO REPORT ACTION TAKEN BY THE CHAIRMAN FOR ALLOWING MAXIMUM AGE LIMIT AS 56 YEARS AS PER GOVT. OF INDIA RULES FOR APPOINTMENT ON DEPUTATION IN CBSE IN RESPECT OF POST OF HINDI OFFICER, LIBRARY AND INFORMATION OFFICER AND ASSISTANT PUBLIC RELATIONS OFFICER

The Committee ratified the orders of the Chairman of extending the maximum age limit for appointment on deputation in CBSE to 56 years (as on 1<sup>st</sup> July of the relevant year) for the post of Hindi Officer, Library & Information Officer and Asstt. Public Relation Officer so as to bring it at par with the provisions of the Govt. of India.

#### Item No. XII

TO CONSIDER APPROVAL FOR MAKING PAYMENT OF RS. 2,20,000/- AS PROFESSIONAL FEES TO SHRI RAKESH DFWIVEDI, SR. ADVOCATE, DELHI. The Committee accorded post facto approval on account of payment of Rs. 2.20 lac to Shri Rakesh Diwedi, Sr. Advocate in the writ petition "Modern Ways Education and Welfare Society V/s. CBSE & others".

item No. XIII

TO CONSIDER EXTENSION OF RETAINERSHIP OF SHRI T.C. SHARMA FOR SUPREME COURT AS WELL AS SHRI AMIT BANSAL AND SHRI ATUAL KUMAR FOR DELHI HIGH COURT W.E.F. 1.7.2007TO 30.6.2008.

The proposal of extension of retainership of Shri T.C. Sharma, Shri Amit Bansal and Shri Atul Kumar w.e.f. 1.7.2007 to 30.6.2008 was approved by the Committee.

Item No. XIV

TO CONSIDER APPROVAL FOR ENGAGING SHRI VIRENDER LODHA, ADVOCATE FOR DEFEDNING THE CASES ON BEHALF OF CBSE IN THE HIGH COURT OF RAJASTHAN

The Committee approved the empanelment of Shri Virender Lodha, advocate to defend the cases of CBSE in the Hon'ble High Court of Rajasthan.

Item No. XV

TO CONSIDER THE EMPANELMENT OF HOSPITALS IN TRANS YAMUNA AND NCR GHAZIABAD VIZ. YASHODA HOSPITAL, KAUSHAMBI, GHAZIABAD AND MAX HOSPITALS AT PATPARGANJ, DELHI AND AT PANCHSHEEL, NEW DELHI.

The Committee approved the empanelment of Yashoda Hospital, Kaushambi, Ghaziabad and Max Hospital at Patpar Ganj, and Panchsheel, New Delhi.

However, the members of the Committee during discussion were of the opinion that a Standing Committee consisting of eminent persons including Doctors drawn from CGHS, Delhi Govt., and other relevant Govt. Deptts may be constituted to evaluate the necessity and continuity of empanelment of the hospitals already approved by the Board with respect to their rates, totality of service, medical facilities and procedure of claiming the bills. The Committee may also advise the Board regarding any additional hospital that need to be empanelled along with a suggestive list of the treatments for which each hospital on the list may be approved so as to bring an holistic and comprehensive empanelment of the hospitals.

#### Item No. XVI

EVALUATION AND REPAIR OF AIR COOLING SYSTEM INSTALLED AT HEADQUARTER BUILDING, PREET VIHAR, DELHI.

The committee was of the opinion that the Board may explore more options for evaluation of the existing air cooling system installed at Hqrs. building, Delhi, by initiating communication with Delhi College of Engineering, LLT., Netaji Subhash Chandra Institute of Technology (NSIT), etc. so as to have more economical consultancy fees and fair analysis of the rates.

#### Item No. XVII

TO CONSIDER THE APPROVAL OF THE RATES WITH RESPECT TO THE PAYMENT TO BE MADE TO AUTHORS/CO-AUTHORS OF THE BOOKS DEVELOPED & PUBLISHED BY THE BOARD (TAKING THE REFERENCE OF THE PAYMENT MADE TO THE AUTHORS OF THE THREE TEXTBOOKS ON NEWLY INTRODUCED COUSE IN FINANCIAL MARKET MANAGEMENT)

The Committee approved the proposal of extending one time remuneration to the authors of the text books in addition to the TA/DA and sitting allowance as per rates below and at par with NCERT rates-

a) Chief Advisor(Convener) Rs. 15000/- per book

b) Teacher/Scholar Rs. 10,000/- per book per person

However, the Board has to ensure that not more than five authors including convener are engaged per book.

#### Additional Item 1

TO UPGRADE THE POST OF CHAIRMAN OF CENTRAL BOARD OF SECONDARY EDUCATION TO THE LEVEL OF ADDITIONAL SECRETARY TO THE GOVT OF INDIA

It has been decided that this proposal may be sent along with the comments of the Board on the recommendation of the Committee headed by Shri S. Satyam, former Secretary to the Govt. of India to MHRD for its consideration.

### Additional Item II

### TO CONSIDER AMENDMENT IN RECRUITMENT RULES FOR THE POST OF RECEPTION OFFICER IN THE BOARD

The Committee discussed on the proposed recruitment rules for the post of Reception Officer in the Board and gave only partial approval to the proposed amendments. The revised recruitment rules shall be as under:

		Existing	Approved
Scale ( Pay	of	Rs. 6500-200-10500	Rs. 6500-200—10500
Method of recruitment		Either by transfer on deputation or from amongst the departmental candidates. OR On a consolidated salary of Rs. 15,000/- per month in case of contractual appointment.	On a consolidated salary of Rs.

	· ·	
Eligibility conditions	Essential:  i. Minimum Graduation in any discipline from a recognized university with at least 50% marks in aggregate.  ii. Minimum 5 years working experience in similar pay scale of 8 years in the immediate lower scale.  iii. Fluency in English and Hindi  iv. Knowledge of computers	discipline from a recognized university with at least 50% marks in aggregate b. Holding analogous post OR 5 years of regular service in the pay scale of Rs. 5500-175-9000 and having experience in independently, handling, and
	i. Relevant experience in independently handling and supervising front office staff, personal and telephonic queries, regulating visitors and coordinating with internal security agencies.  ii. Pleasing personality with good oral and written communication skills.  iii. Degree or diploma in Mass Communication/Public relations.	Desirable: Degree or diploma in Mass Communication/Public relations. Pleasing personality with good oral and written communication skills
Age limit	SC/ST/OBC/handicapped candidates as per the	Not exceeding 45 years as on closing date of receipt of applications. However, upper age limit will be relaxed to SC/ST/OBC/handicapped candidates as per the Govt. of India norms applicable.

### Additional Item III

### TO CONSIDER EXTRA EXPENDITURE IN RESPECT OF MANDAWALI

The Finance Committee approved the proposal of additional expenditure amounting to Rs. 54,30,243/- as recommended by the Building Committee. Further, the Committee desired that the complete details along with the reply of the CPWD for hiding extra civil work details may also be obtained on priority by the office.

### Additional Item IV

### CREATION OF 02 POSTS OF JUNIOR ASSISTANT (COMPUTER) IN THE PAY SCALE OF RS. 3050-4590 FOR SCHOLARSHIP UNIT.

The Committee approved the proposal of creation of two posts of Jr. Asstt.(Computer) in the pay scale of Rs. 3050-4590 for the scholarship Unit exclusively. Once appointments are made to these two posts of Jr. Asstts., the present staff in the scholarship shall be immediately shifted to other units.

### Additional Item V

## TO CONSIDER UPGRADATION OF 08 POSTS OF HEAD ASSISTANTS IN THE PAY SCALE OF RS. 5000-8000 TO THE POST OF SECTION OFFICER IN THE PAY SCALE OF RS. 6500-10500

The members discussed the issue and it was decided that the proposal may first be referred to Integrated Finance Division of MHRD as the earlier proposal of creation of 08 posts of Head Asstts. in the pay scale of Rs. 5000-150-8000 was approved by MHRD.

### Additional Item VI

### TO CONSIDER THE EXTENSION OF NEWSPAPER FACILITY TO GROUP 'C' AND GROUP 'D' EMPLOYEES OF THE BOARD

The members of the Committee were informed that newspaper facility at residence is extended to Group-'A' and Group 'B' Gazetted officers only in case of Govt. However, in view of the request from the Staff Welfare Association, it was proposed that an in-house Committee may be constituted to study the proposal vis-à-vis availability (if any) of such facility to Group 'C' and Group 'D' employees in other similar organizations before placing the matter to the Finance Committee.

## Additional Item VII TO CONSIDER THE AMENDMENT OF RECRUITMENT RULES FOR THE POST OF JUNIOR ENGINEER (CIVIL)

The agenda was dropped.

Sd/-(VINEET JOSHI) SECRETARY

Sd/-(ASHOK GANGULY) CHAIRMAN

### **ANNEXURE-V**

### MINUTES OF THE MEETING OF THE IMPLEMENTATION COMMITTEE OF THE BOARD

Day & Date

Friday, 27th July 2007

Time

12.00 A. M.

Venue

- Conference Hall, CBSE,

Shiksha Kendra, 2- Community Centre, Preet Vihar, Delhi – 110092.

### INDEX

14 .	
Item No.	Items
1.	To confirm the minutes of the meeting of the Implementation Committee of AIEEE held on 21 <sup>st</sup> August 2006
2.	To consider the report regarding the conduct of AIEEE on 29th April 2007
3.	To consider the conduct of the 7 <sup>th</sup> AIEEE on 27 <sup>th</sup> April 2008
4.	To consider the revision of Syllabus for the AIEEE 2008
5.	To consider the minutes of the meeting of the Committee constituted to review the Eligibility Criteria, Qualifying, Fee Structure, Increase/decrease in the examination cities for Paper-I i.e. B.E./B.Tech. and identification of cities for Paper-II i.e. B.Arch/B. Planning and revision of the remuneration for AIEEE 2008
6.	To consider inclusion of participative Institutions as per the previous years norms
7.	To consider the Printing & Selling of Information Bulletin & Other activities/works as listed in the Information Bulletin of AIEEE 2008
8	To consider the appointment of Paper Setters, Moderators, Co-ordinators and other supporting staff in AIEEE 2008
9.	To consider the appointment of Centre Superintendent, Invigilators, Observers and Evaluators for Architecture Course for Paper-II and other supporting staff for smooth and fair conduct of AIEEE 2008
10.	To continue State Code of Eligibility as State Code of Domicile for the candidates where they studying and passed 10+2 examination for AIEEE 2008
11.	Any other item with the permission of the Chair

#### The following members were present in the meeting:

 Shri Ashok Ganguly, Chairman, CBSE, Shiksha Kendra, 2, Community Centre, Preet Vihar, Delhi – 110092. - In the Chair

- Shri R. L. Jamuda,
   Commissioner, KVS
   18- Shaheed Jeet Singh Marg,
   New Delhi -- 110016
- Prof. Hukum Singh, Head (DEMS),
   National Council for Educational Research & Training (NCERT) Sri Aurbindo Marg,
   New Delhi – 110016
- Smt. Alice Chacko, Under Secretary to the Govt. of India Department of Secondary & Higher Education. Ministry of Human Resource Development, Shastri Bhawan, New Delhi – 110001.
- Prof. Devender Kumar, Professor
   College of Technology,
   G. B. Pant University of Agriculture & Technology,
   Pant Nagar (U.S. Nagar), Uttaranchal 263245
- Dr. M. N. Bandyopadhay,
   Director,
   National Institute of Technology (NIT),
   Kuruskshetra (Haryana)
- 7. Dr. Awadesh Bhardwaj, Head, DMSM National Institute of Technology, Jaipur, Rajasthan
- 8. Shri Vineet Joshi, Secretary, CBSE Shiksha Kendra, 2- Community Centre, Preet Vihar, Delhi – 110092
- 9. Shri M. C. Sharma
  Controller of Examinations, CBSE,
  Shiksha Kendra, 2, Community Centre,
  Preet Vihar, Delhi–92.

Shri Pitam Singh,
 HOD (Spl. Exams)
 CBSE, Shiksha Sadan
 Rouse Avenue,
 New Delhi – 110002

Shri B. M. Gupta, Head Computer Centre, Shri I. S. Wadhwa, Deputy Secretary and Shri Rajeshwar Sharma, Assistant Secretary were also present in the meeting.

The following members could not attend the meeting:

- Adviser
   All India Council for Technical Education Pragati Vihar, New Delhi – 110002.
- Chairman,
   Joint Entrance Examination
   Indian Institute of Technology,
   Hauz Khas, New Delhi.
- The Joint Secretary,
   University Grants Commission,
   Bahadur Shah Zafar Marg, New Delhi 02.

The meeting started with the warm welcome by the HOD (Spl. Exams) to all the members. Deep satisfaction was expressed over the successful conduct of AIEEE 2007. The HOD (Spl. Exams) then submitted a brief report of AIEEE 2007 and take up the Agenda.

### <u>Item No. I:</u>

To confirm the minutes of the meeting of the implementation Committee of AIEEE held on 21st August 2006

The HoD (Spl. Exams) presented an action taken report on the minutes of the meeting of Implementation Committee held on 21<sup>st</sup> August 2006, which was circulated to all the members. No comments were received from any of the members, thereafter, it was resolved that the minutes of the meeting held on 21<sup>st</sup> August 2006 may be confirmed.

### Item No. II:

### To consider the report regarding the conduct of AIEEE on 29th April 2007

The HoD (Spl. Exams) presented a report concerning successful conduct of AIEEE 2007 and it was accepted by all the members and then he take up the agenda items for consideration/discussion.

### Item No. III:

### To consider the conduct of next AIEEE on 27th April 2008 (Sunday)

The HoD (Spl. Exams) informed that Ministry of Human Resource Development has approved the proposal of the Board to conduct of the AIEEE, 2008 on 27<sup>th</sup> April 2008 vide their letter No. F. No. 23-13/2007/TS-1 dated 26<sup>th</sup> July 2007. The Implementation Committee considered the next date of conduct of AIEEE 2008 on 27<sup>th</sup> April 2008 (Sunday) and accorded approval with the best wishes for its success.

### Item No. IV:

### To consider the revision of syllabus for the AIEEE - 2008

The HoD (Spl. Exams) informed the Committee that the CBSE has revised and restructured the existing syllabus in the light of National Curriculum Framework – 2005 brought out by the NCERT and the corresponding changes in syllabi from the academic session 2006-07. Earlier the syllabus was introduced w.e.f. 2004. The revised syllabus has been developed for 2008 examination after considering the syllabus of all State Boards and thereafter examining their observations by subject Committee experts. The Committee considered the revised syllabus and approved the proposed syllabus. It was also resolved that the syllabus may be made effective w.e.f. AIEEE 2008.

#### Item No. V:

To consider the minutes of the meeting of the Committee constituted to review the Eligibility Criteria, Qualifying, Fee Structure, Increase/decrease in the examination cities for Paper-I i.e. B.E./B.Tech. and identification of cities for Paper-II i.e. B.Arch/B. Planning for AIEEE 2008.

The Committee discussed various recommendations of the Committee appointed by the Board to review the following issues: -

- (i) Eligibility Criteria, Qualifying Examination
- (ii) Revision of the Fee Structure
- (iii) Number of chances to appear in the AIEEE
- (iv) Increase/decrease in the examination cities
- (v) Identification of examination cities for Paper-II (B. Arch/B. Planning)
- (vi) Revision in the remuneration to various persons associated with conduct of AIEEE.

Parawise discussions was held at length and all members took active part in the deliberations and after considering pros/cons of the various issues the following resolutions were approved: -

(i) Eligibility Criteria: The Committee examined the recommendations of the Committee to have minimum pass percentage as 55% for General and 50% for SC/ST & Physically Challenged category. It was discussed and some of the members opined that it will be more appropriate to have the minimum pass percentage on the pattern of AIPMT i.e. 50% for General and 40% for SC/ST & Physically Challenged category in qualify examination (XII & equivalent) whereas some other members opined that it will be appropriate to make it at par with IITs (JEE) where the minimum pass percentage is 60% for Gen. and 55% for SC/ST & Physically Challenged category. Keeping in view the difference of opinion, it was resolved after deliberation that the matter is deferred and status quo be maintained i.e. not to have any minimum pass percentage in the eligibility criteria for the time. However, the committee opined that quality of candidates can be ensured by restricting the number of attempts in the exam.

- (ii) Revision of Fee: The HOD (Spl. Exams) explained the need to revise the fee to share additional financial expenditure due to introduction of "Scholarship Scheme for the AIEEE Students" and other expenses due to increase in Air Fare and also to pay attractive remuneration to all concerned with the conduct of AIEEE, it was felt that the issue needs to be examined by an Experts Committee in order to explore possibilities if we can manage the extra expenditure without putting additional burden on students living in remote areas and belongs to economically weaker sections and it was resolved that the matter may be deferred till the Committee to be appointed for the purpose by the Board and submit its recommendations.
- (iii) Number of chances to appear in the AIEEE: The HOD (Spl. Exams) informed the Committee that the number of candidates is increasing every year and approximately 7 lakh candidates are expected during AIEEE 2008 and emphasized on the need to discourage the non services candidates. The Committee felt the seriousness of the issue and it was resolved that to discourage non-serious students, the number of chances to appear in AIEEE be restricted to three, in consecutive years. One time exemption may be granted to the candidates appearing in 2008 as last chance irrespective of number of chances they have earlier availed.
- (iv) Increase/decrease in the examination cities: The HOD (Spl. Exams) explained the difficulties faced in transportation and safe custody of confidential material in few cities to avoid any untoward situation in future. Keeping in view the difficulties faced by the Board in transportation and safe custody of the confidential material as explained by HOD (Spl. Exams), it was resolved that the following cities may be deleted from the examination cities w.e.f. AIEEE 2008 as other nearly cities are already available as alternative choices for the candidates:
  - (a) Guntur
  - (b) Silichar
  - (c) Bhagalpur
  - (d) Kota
  - (e) Kotdwara

The Committee also authorizes the Chairman to include other cities like Aligarh, Moradabad, Ghaziabad, etc. in case, more examination centres are required to accommodate increasing number of students.

- (v) Identification of Examination cities for Paper-II (B. Arch/B. Planning): The HoD (Spl. Exams) explained before the Committee that the number of candidates appeared in B. Arch/B. Planning during AIEEE 2007 was only 36000 in comparison to 6 lakh candidates appeared in B.E./B.Tech and in a large number of cities the number of candidates were below five hundred. The Board faced a lot of difficulties in keeping the Answer Sheets of B.E./B.Tech overnight in these cities only due to conduct of Paper-II in the afternoon session i.e. from 2 PM to 5 PM. It was felt that it is desirable for effective control of the examination to restrict the examination cities for Paper-II and it was resolved that the examination cities for B.Arch/B. Planning may be restricted to state capitals/UTs/Regional Offices of CBSE except that Jammu, Vishakapatnam and Agra, which may continue to be examination centre for Paper-II due to geographical situation. This may be made effective w.e.f. AIEEE 2008. However, before implementing the decision, every pros & cons will be taken into consideration about its practicability and feasibility.
- (vi) Revision in the remuneration to various persons associated with conduct of AIEEE: It was deeply felt that there is a genuine demand from all the sectors for increase in the remuneration as the staff of the schools and other officers have to spend 2/3 days and work hard on the day of examination from 6 AM to 6 PM. To associate highly qualified experienced persons and observers; there is a need to revise the remuneration of all the categories of persons involved in conduct of AIEEE. It was resolved that Chairman may be authorized to appoint a Committee for examining the issue after comparing the remuneration payable by other examining bodies like JEE, Indraprastha University and UPSC, etc. and giving its recommendations for revision of remuneration and taking a suitable decision in the matter accordingly to make it effective w.e.f. AIEEE 2008.

### Item No. VI:

To consider the inclusion of participating Institutions as per the previous years norms.

The Implementation Committee considered and discussed the issue of using Score Card and providing Database of AIEEE for admission in various Technical/Engineering Institutions and it was resolved that:

- (a) The Board may continue to include all the NITs, IITs, Deemed Universities and other State Level Institutions as participating institutions for AIEEE 2008.
- (b) The Private Technical/Engineering Institution may use the Score Cards of AIEEE through their individual/common counselling. No separate authorization letter is to be issued for the purpose.
- (c) The Committee authorized the Chairman to take appropriate decision in case any Technical/Engineering Institute(s) request for database for admission to such institution taking into consideration the merits of the case.

### Item No. VII:

To consider the printing and selling of bulletin of AIEEE 2008 and also other activities/works as listed in the Information bulletin of AIEEE.

The Implementation Committee discussed the matter and authorized the Chairman for taking suitable action for Print and Sale of Information Bulletin of AIEEE 2008.

As regards, sale of Information Bulletins in the State of Andhra Pradesh, the Committee opined to continue the sale in the state through the affiliated schools of the Board/Institutions recognized by State Government.

### Item No. VIII:

To consider the appointment of Paper Setters, Moderators, Co-ordinators and other supporting staff of AIEEE 2008.

The Committee authorized the Chairman, for taking suitable action as per the requirement for appointment of Paper Setters/Moderators/Co-ordinators and other supporting staff for AIEEE 2008.

### Item No. IX:

To consider the appointment of Centre Superintendent, Invigilator, Observers, Evaluators and other supporting staff for smooth and fair conduct of AIEEE 2008.

The Committee authorized the Chairman for fixing Examination Centres, Centre Superintendent and to appoint Invigilators. Observers and Evaluators for Architecture Course of Part-II and other supporting staff for smooth and fair conduct of AIEEE 2008.

#### Item No. X:

To continue State Code of Eligibility as State Code of Domicile for the candidate where they studying and passed 10+2 examination.

The Committee resolved that State Code of Eligibility may continue as State Code of Domicile for AIEEE 2008 as per practice of previous years.

### item No. XI:

Any other item with the permission of the Chair.

No such item was put forward by any of the member and the meeting ended with a vote of thanks by the Secretary. CBSE to all the members and the chair.

Sd/-(Pitam Singh) HOD (Spl. Exams) CBSE

Sd/-(Ashok Ganguly) Chairman CBSE

### SYLLABUS OF MATHEMATICS FOR AIEEE

### **UNIT-1: SETS, RELATIONS AND FUNCTIONS:**

Sets and their representation; Union, intersection and complement of sets and their algebraic properties; Power set; Relation, Types of relations, equivalence relations, functions; one-one, into and onto functions, composition of functions.

### **UNIT-2: COMPLEX NUMBERS AND QUADRATIC EQUATIONS:**

Complex numbers as ordered pairs of reals, Representation of complex numbers in the form a+ib and their representation in a plane, Argand diagram, algebra of complex numbers, modulus and argument (or amplitude) of a complex number, square root of a complex number, triangle inequality, Quadratic equations in real and complex number system and their solutions. Relation between roots and co-efficients, nature of roots, formation of quadratic equations with given roots.

### **UNIT-3: MATRICES AND DETERMINANTS:**

Matrices, algebra of matrices, types of matrices, determinants and matrices of order two and three. Properties of determinants, evaluation of determinants, area of triangles using determinants. Adjoint and evaluation of inverse of a square matrix using determinants and elementary transformations, Test of consistency and solution of simultaneous linear equations in two or three variables using determinants and matrices.

### **UNIT-4: PERMUTATIONS AND COMBINATIONS:**

Fundamental principle of counting, permutation as an arrangement and combination as selection, Meaning of P (n,r) and C (n,r), simple applications.

### **UNIT-5: MATHEMATICAL INDUCTION:**

Principle of Mathematical Induction and its simple applications.

### UNIT-6: BINOMIAL THEOREM AND ITS SIMPLE APPLICATIONS:

Binomial theorem for a positive integral index, general term and middle term, properties of Binomial coefficients and simple applications.

#### **UNIT-7: SEQUENCES AND SERIES:**

Arithmetic and Geometric progressions, insertion of arithmetic, geometric means between two given numbers. Relation between A.M. and G.M. Sum upto n terms of special series:  $\sum n$ ,  $\sum n^2$ ,  $\sum n^3$ . Arithmetico - Geometric progression.

### UNIT-8: LIMIT, CONTINUITY AND DIFFERENTIABILITY:

Real - valued functions, algebra of functions, polynomials, rational, trigonometric, logarithmic and exponential functions, inverse functions. Graphs of simple functions. Limits, continuity and differentiability. Differentiation of the sum, difference, product and quotient of two functions. Differentiation of trigonometric, inverse trigonometric, logarithmic, exponential, composite and implicit functions; derivatives of order upto two. Rolle's and Lagrange's Mean Value Theorems. Applications of derivatives: Rate of change of quantities, monotonic - increasing and decreasing functions, Maxima and minima of functions of one variable, tangents and normals.

#### **UNIT-9: INTEGRAL CALCULUS:**

Integral as an anti - derivative. Fundamental integrals involving algebraic, trigonometric, exponential and logarithmic functions. Integration by substitution, by parts and by partial fractions. Integration using trigonometric identities.

### Evaluation of simple integrals of

 $\int \sqrt{a^2} a h d^2 dx \int \sqrt{x^2 - a^2} dx$ 

4

Integral as limit of a sur Fundamental Theorem of Calculus. Properties of definite integrals. Er ation of definite integrals, determining areas of the regions bounded by sin ⇒le curves in standard form. **UNIT-10: DIFFERENTIAL EQUAT** Ordinary differential equations, ⇒ir order and degree. Formation of differential equations. Solution of \*\*Ferential equations by the method of separation of variables, solution homogeneous and linear differential equations of the type:  $\underline{dy} + p(x) y = q(x)$ **CO-ORDINATE** UNIT -**GEOMETRY:** 11: Cartesian system of rectangular rdinates in a plane, distance formula, section formula, locus and its eques n, translation of axes, slope of a line, parallel and perpendicular lines, ir epts of a line on the coordinate axes. Straight lines Various forms of equations of a \_ intersection of lines, angles between f three lines, distance of a point from a two lines, conditions for concurrer line, equations of internal and exte ■ I bisectors of angles between two lines, coordinates of centroid, orthocen and circumcentre of a triangle, equation of family of lines passing through soint of intersection of two lines. Circles, conic sections Standard form of equation of a cir general form of the equation of a circle, its radius and centre, equation of rcle when the end points of a diameter are given, points of intersection line and a circle with the centre at the origin and condition for a line tangent to a circle, equation of the tangent. Sections of cones, equ.\_\_\_\_\_ s of conic sections (parabola, ellipse and hyperbola) in standard form  $\Rightarrow$ ndition for y = mx + c to be a tangent and point (s) of tangency.

#### UNIT-12: THREE DIMENSIONAL GEOMETRY:

Coordinates of a point in space, distance between two points, section formula, direction ratios and direction cosines, angle between two intersecting lines. Skew lines, the shortest distance between them and its equation. Equations of a line and a plane in different forms, intersection of a line and a plane, coplanar lines.

#### UNIT-13: VECTOR ALGEBRA:

Vectors and scalars, addition of vectors, components of a vector in two dimensions and three dimensional space, scalar and vector products, scalar and vector triple product.

#### **UNIT-14: STATISTICS AND PROBABILITY:**

Measures of Dispersion: Calculation of mean, median, mode of grouped and ungrouped data. Calculation of standard deviation, variance and mean deviation for grouped and ungrouped data.

**Probability:** Probability of an event, addition and multiplication theorems of probability, Baye's theorem, probability distribution of a random variate, Bernoulli trials and Binomial distribution.

#### **UNIT-15: TRIGONOMETRY:**

Trigonometrical identities and equations. Trigonometrical functions. Inverse trigonometrical functions and their properties. Heights and Distances.

#### **UNIT-16: MATHEMATICAL REASONING:**

Statements, logical operations And, or, implies, implied by, if and only if. Understanding of tautology, contradiction, converse and contrapositive.

#### PHYSICS SYLLABUS

The syllabus contains two Sections - A & B. Section - A pertains to the Theory Part, having 80% weightage, while Section - B contains Practical Component (Experimental Skills) having 20% weightage.

#### **SECTION - A**

#### Unit - I: Physics and Measurement

Physics, technology and society, S I units. Fundamental and derived units. Least count, accuracy and precision of measuring instruments, Errors in measurement, Significant figures.

Dimensions of Physical quantities, dimensional analysis and its applications.

#### Unit - #: Kinematics

Frame of reference. Motion in a straight line: Position-time graph, speed and velocity. Uniform and non-uniform motion, average speed and instantaneous velocity

Uniformly accelerated motion, velocity-time, position-time graphs, relations for uniformly accelerated motion.

Scalars and Vectors, Vector addition and Subtraction, Zero Vector, Scalar and Vector products, Unit Vector, Resolution of a Vector. Relative Velocity, Motion in a plane, Projectile Motion, Uniform Circular Motion.

#### Unit - III: Laws of Motion

Force and Inertia, Newton's First Law of motion; Momentum, Newton's Second Law of motion; Impulse; Newton's Third Law of motion. Law of conservation of linear momentum and its applications, Equilibrium of concurrent forces.

Static and Kinetic friction, laws of friction, rolling friction.

Dynamics of uniform circular motion: Centripetal force and its applications.

#### Unit -IV: Work, Energy and Power

Work done by a constant force and a variable force; kinetic and potential energies, work-energy theorem, power.

Potential energy of a spring, conservation of mechanical energy, conservative and non-conservative forces; Elastic and inelastic collisions in one and two dimensions.

#### Unit – V: Rotational Motion

Centre of mass of a two-particle system, Centre of mass of a rigid body; Basic concepts of rotational motion; moment of a force, torque, angular momentum, conservation of angular momentum and its applications; moment of inertia, radius of gyration. Values of moments of inertia for simple geometrical objects, parallel and perpendicular axes theorems and their applications.

Rigid body rotation, equations of rotational motion.

#### Unit -VI: Gravitation

The universal law of gravitation.

Acceleration due to gravity and its variation with altitude and depth. Kepler's laws of planetary motion.

Gravitational potential energy; gravitational potential.

Escape velocity. Orbital velocity of a satellite. Geo-stationary satellites.

#### Unit - VII: Properties of Solids and Liquids

Elastic behaviour, Stress-strain relationship, Hooke's. Law, Young's modulus, bulk modulus, modulus of rigidity.

Pressure due to a fluid column; Pascal's law and its applications.

Viscosity, Stokes' law, terminal velocity, streamline and turbulent flow, Reynolds number. Bernoulli's principle and its applications.

Surface energy and surface tension, angle of contact, application of surface tension - drops, bubbles and capillary rise.

Heat, temperature, thermal expansion; specific heat capacity, calorimetry; change of state, latent heat.

Heat transfer-conduction, convection and radiation, Newton's law of cooling.

#### Unit -VIII: Thermodynamics

Thermal equilibrium, zeroth law of thermodynamics, concept of temperature. Heat, work and internal energy. First law of thermodynamics.

Second law of thermodynamics: reversible and irreversible processes. Camot engine and its efficiency.

#### Unit -IX: Kinetic Theory of Gases

Equation of state of a perfect gas, work done on compressing a gas.

Kinetic theory of gases - assumptions, concept of pressure. Kinetic energy and temperature: rms speed of gas molecules; Degrees of freedom, Law of equipartition of energy, applications to specific heat capacities of gases; Mean free path, Avogadro's number.

#### Unit –X: Oscillations and Waves

Periodic motion - period, frequency, displacement as a function of time. Periodic functions. Simple harmonic motion (S.H.M.) and its equation; phase; oscillations of a spring - restoring force and force constant; energy in S.H.M. - kinetic and potential energies; Simple pendulum - derivation of expression for its time period; Free, forced and damped oscillations, resonance.

Wave motion. Longitudinal and transverse waves, speed of a wave. Displacement relation for a progressive wave. Principle of superposition of waves, reflection of waves, Standing waves in strings and organ pipes, fundamental mode and harmonics, Beats, Doppler effect in sound.

#### Unit - XI: Electrostatics

Electric charges: Conservation of charge. Coulomb's law-forces between two point charges, forces between multiple charges; superposition principle and continuous charge distribution.

Electric field: Electric field due to a point charge, Electric field lines, Electric dipole, Electric field due to a dipole, Torque on a dipole in a uniform electric field.

Electric flux, Gauss's law and its applications to find field due to infinitely long, uniformly charged straight wire, uniformly charged infinite plane sheet and uniformly charged thin spherical shell.

<u>Electric</u> potential and its calculation for a point charge, electric dipole and system of charges; Equipotential surfaces, Electrical potential energy of a system of two point charges in an electrostatic field.

Conductors and insulators, Dielectrics and electric polarization, capacitor, combination of capacitors in series and in parallel, capacitance of a parallel plate capacitor with and without dielectric medium between the plates. Energy stored in a capacitor.

#### Unit - XII: Currrent Electricity

Electric current, Drift velocity, Ohm's law. Electrical resistance, Resistances of different materials, V-I characteristics of Ohmic and nonohmic conductors, Electrical energy and power, Electrical resistivity, Colour code for resistors; Series and parallel combinations of resistors; Temperature dependence of resistance.

Electric Cell and its Internal resistance, potential difference and emf of a cell, combination of cells in series and in parallel.

Kirchhoff's laws and their applications. Wheatstone bridge, Metre bridge.

Potentiometer - principle and its applications.

## Unit - XIII: Magnetic Effects of Current and Magnetism

Biot - Savart law and its application to current carrying circular loop.

Ampere's law and its applications to infinitely long current carrying straight wire and solenoid.

Force on a moving charge in uniform magnetic and electric fields. Cyclotron.

Force on a current-carrying conductor in a uniform magnetic field. Force between two parallel current-carrying conductors-definition of ampere. Torque experienced by a current loop in uniform magnetic field; Moving coil galvanometer, its current sensitivity and conversion to ammeter and voltmeter.

Current floop as a magnetic dipole and its magnetic dipole moment. Bar magnet as an equivalent solenoid, magnetic field lines; Earth's magnetic field and magnetic elements. Paradia- and ferro- magnetic substances

Magnetic susceptibility and permeability Hysteresis

Magnetic susceptibility and permeability, Hysteresis, Electromagnets and permanent magnets.

#### **Unit-XIV:**

## **Electromagnetic Induction and Alternating Currents**

Electromagnetic induction; Faraday's law, induced emf and current; Lenz's Law, Eddy currents. Self and mutual inductance.

Alternating currents, peak and rms value of alternating current/ voltage; reactance and impedance; LCR series circuit, resonance; Quality factor, power in AC circuits, wattless current.

AC generator and transformer.

### Unit - XV: Electromagnetic Waves

Electromagnetic waves and their characteristics. Transverse nature of electromagnetic waves.

Electromagnetic spectrum (radio waves. microwaves, infrared, visible, ultraviolet, X-rays, gamma rays). Applications of e.m. waves .

#### Unit - XVI: Optics

Reflection and refraction of light at plane and spherical surfaces, mirror formula, Total internal reflection and its applications, Deviation and Dispersion of light by a prism, Lens Formula, Magnification, Power of a Lens, Combination of thin lenses in contact, Microscope and Astronomical Telescope (reflecting and refracting) and their magnifying powers.

Wave optics: wavefront and Huygens' principle, Laws of reflection and refraction using Huygen's principle. Interference, Young's double slit experiment and expression for fringe width, coherent sources and sustained interference of light. Diffraction due to a single slit, width of central maximum. Resolving power of microscopes and astronomical telescopes, Polarisation, plane polarized light; Brewster's law, uses of plane polarized light and Polaroids.

#### Unit-XVII:

## **Dual Nature of Matter and Radiation**

Dual nature of radiation. Photoelectric effect, Hertz and Lenard's observations; Einstein's photoelectric equation; particle nature of light.

Matter waves-wave nature of particle, de Broglie relation. Davisson-Germer experiment.

## Unit - XVIII: Atoms and Nuclei

Alpha-particle scattering experiment; Rutherford's model of atom; Bohr model, energy levels, hydrogen spectrum.

Composition and size of nucleus, atomic masses, isotopes, isobars; isotones. Radioactivity-alpha, beta and gamma particles/rays and their properties; radioactive decay law. Mass-energy relation, mass defect; binding energy per nucleon and its variation with mass number, nuclear fission and fusion.

#### Unit - XIX: Electronic Devices

Semiconductors; semiconductor diode: I-V characteristics in forward and reverse bias; diode as a rectifier; I-V characteristics of LED, photodiode, solar cell, and Zener

diode; Zener diode as a voltage regulator. Junction transistor, transistor action, characteristics of a transistor; transistor as an amplifier (common emitter configuration) and oscillator. Logic gates (OR, AND, NOT, NAND and NOR). Transistor as a switch.

## Unit – XX: Communication Systems

Propagation of electromagnetic waves in the atmosphere; Sky and space wave propagation, Need for modulation, Amplitude and Frequency Modulation, Bandwidth of signals, Bandwidth of Transmission medium, Basic Elements of a Communication System (Block Diagram only).

#### SECTION -B

#### Unit - XXI:Experimental Skills

Familiarity with the basic approach and observations of the experiments and activities:

- Vernier callipers—its use to measure internal and external diameter and depth of a vessel
- Screw gauge—its use to determine thickness/diameter of thin sheet/wire.
- 3. Simple Pendulum dissipation of energy by plotting a graph between square of amplitude and time.
- 4. Metre Scale mass of a given object by principle of moments
- 5. Young's modulus of elasticity of the material of a metallic wire
- Surface tension of water by capillary rise and effect of detergents
- Co-efficient of Viscosity of a given viscous liquid by measuring terminal velocity of a given spherical body.
- 8. Plotting a cooling curve for the relationship between the temperature of a hot body and time.
- Speed of sound in air at room temperature using a resonance tube.
- Specific heat capacity of a given (i) solid and (ii) liquid by method of mixtures.
- 11. Resistivity of the material of a given wire using metre bridge.
- 12. Resistance of a given wire using Ohm's law

## 13. Potentiometer –

- Comparison of emf of two primary cells. Internal resistance of a cell. (i) . (ii)

- 14. Resistance and figure of merit of a galvanometer by half deflection method.
- 15. Focal length of:
  - (i) Convex mirror
  - (ii) Concave mirror, and
  - (iii) Convex lens
- Using parallax method. Plot of angle of deviation vs angle of incidence for a triangular prism.
- 17. Refractive index of a glass slab using a travelling microscope
- 18. Characteristic curves of a p n junction diode in forward and reverse bias.
- 19. Characteristic curves of a Zener diode and finding reverse break down voltage.
- 20. Characteristic curves of a transistor and finding current gain and voltage gain
- 21. Identification of Diode, LED, Transistor, IC, Resistor, Capacitor from mixed collection of such items.
- 22. Using multimeter to:
  - (i) Identify base of a transistor
  - (ii) Distinguish between npn and pnp type transistor
  - (iii) See the unidirectional flow of current in case of a diode and an LED.
  - (iv) Check the correctness or otherwise of a given electronic component (diode, transistor or IC).

#### **CHEMISTRY**

#### **SECTION: A**

#### **Physical Chemistry**

#### UNIT -1: SOME BASIC CONCEPTS IN CHEMISTRY

Matter and its nature, Dalton's atomic theory; Concept of atom, molecule, element and compound; Physical quantities and their measurements in Chemistry, precision and accuracy, significant figures, S.I. Units, dimensional analysis; Laws of chemical combination; Atomic and molecular masses, mole concept, molar mass, percentage composition, empirical and molecular formulae; Chemical equations and stoichiometry.

#### UNIT-2: STATES OF MATTER

Classification of matter into solid, liquid and gaseous states.

#### Gaseous State:

Measurable properties of gases; Gas laws - Boyle's law, Charle's law, Graham's law of diffusion, Avogadro's law, Dalton's law of partial pressure; Concept of Absolute scale of temperature; Ideal gas equation, Kinetic theory of gases (only postulates); Concept of average, root mean square and most probable velocities; Real gases, deviation from Ideal behaviour, compressibility factor, van der Waals equation, liquefaction of gases, critical constants.

#### Liquid State:

Properties of liquids - vapour pressure, viscosity and surface tension and effect of temperature on them (qualitative treatment only).

#### Solid State:

Classification of solids: molecular, ionic, covalent and metallic solids, amorphous and crystalline solids (elementary idea); Bragg's Law and its applications, Unit cell and lattices, packing in solids (fcc, bcc and hcp lattices), voids, calculations involving unit cell parameters, imperfection in solids; electrical, magnetic and dielectric properties.

## UNIT - 3: ATOMIC STRUCTURE

Discovery of sub-atomic particles (electron, proton and neutron); Thomson

Rutherford atomic models and and their limitations; electromagnetic radiation, photoelectric effect; spectrum of hydrogen atom, Bohr model of hydrogen atom - its postulates, derivation of the relations for energy of the electron and radii of the different orbits, limitations of Bohr's model; dual nature of matter, de-Broglie's relationship, Heisenberg uncertainty principle. Elementary ideas of quantum mechanics, quantum mechanical model of atom, its important features,  $\psi$  and  $\psi$ 2, concept of atomic orbitals as one electron wave functions; Variation of  $\psi$  and  $\psi$ 2 with r for 1s and 2s orbitals; various quantum numbers (principal, angular momentum and magnetic quantum numbers) and their significance; shapes of s, p and d - orbitals, electron spin and spin quantum number; rules for filling electrons in orbitals - aufbau principle, Pauli's exclusion principle and Hund's rule, electronic configuration of elements, extra stability of half-filled and completely filled orbitals.

## UNIT - 4: CHEMICAL BONDING AND MOLECULAR-STRUCURE

Kossel - Lewis approach to chemical bond formation, concept of ionic and covalent bonds.

lonic Bonding: Formation of ionic bonds, factors affecting the formation of ionic bonds; calculation of lattice enthalpy.

**Covalent Bonding:** Concept of electronegativity, Fajan's rule, dipole moment; Valence Shell Electron Pair Repulsion (VSEPR) theory and shapes of simple molecules.

Quantum mechanical approach to covalent bonding: Valence bond theory - Its important features, concept of hybridization involving s, p and d orbitals; Resonance.

Molecular Orbital Theory - Its important features, LCAOs, types of molecular orbitals (bonding, antibonding), sigma and pi-bonds, molecular orbital electronic configurations of homonuclear diatomic molecules, concept of bond order, bond length and bond energy.

Elementary idea of metallic bonding. Hydrogen bonding and its applications.

## UNIT - 5: CHEMICAL THERMODYNAMICS

Fundamentals of thermodynamics: System and surroundings, extensive and intensive properties, state functions, types of processes.

First law of thermodynamics - Concept of work, heat internal energy and enthalpy, heat capacity, molar heat capacity, Hess's law of constant heat summation; Enthalpies of bond dissociation,

combustion, formation, atomization, sublimation, phase transition, hydration, ioniz-ation and solution.

**Second law of thermodynamics**; Spontaneity of processes;  $\Delta S$  of the universe and  $\Delta G$  of the system as criteria for spontaneity,  $\Delta G^{\circ}$  (Standard Gibbs energy change) and equilibrium constant.

#### UNIT- 6: SOLUTIONS

Different methods for expressing concentration of solution - molality, molarity, mole fraction, percentage (by volume and mass both), vapour pressure of solutions and Raoult's Law - ideal and non-ideal solutions, vapour pressure - composition plots for ideal and non-ideal solutions; Colligative properties of dilute solutions - relative lowering of vapour pressure, depression of freezing point, elevation of boiling point and osmotic pressure; Determination of molecular mass using colligative properties; Abnormal value of molar mass, van't Hoff factor and its significance.

#### **UNIT - 7: EQUILIBRIUM**

Meaning of equilibrium, concept of dynamic equilibrium.

**Equilibria involving physical processes**: Solid -liquid, liquid - gas and solid - gas equilibria, Henry's law, general characterics of equilibrium involving physical processes.

**Equilibria involving chemical processes**: Law of chemical equilibrium, equilibrium constants (Kp and Kc) and their significance, significance of  $\Delta G$  and  $\Delta G^{\circ}$  in chemical equilibria, factors affecting equilibrium concentration, pressure, temperature, effect of catalyst; Le Chatelier's principle.

lonic equilibrium: Weak and strong electrolytes, ionization of electrolytes, various concepts of acids and bases (Arrhenius, Bronsted - Lowry and Lewis) and their ionization, acid - base equilibria (including multistage ionization) and ionization constants, ionization of water, pH scale, common ion effect, hydrolysis of salts and pH of their solutions, solubility of sparingly soluble salts and solubility products, buffer solutions.

#### UNIT-8: REDOX REACTIONS AND ELECTROCHEMISTRY

Electronic concepts of oxidation and reduction, redox reactions, oxidation number, rules for assigning oxidation number, balancing of redox reactions.

Eectrolytic and metallic conduction, conductance in electrolytic solutions, specific and molar conductivities and their variation with concentration: Kohlrausch's law and its applications.

Electrochemical cells - Electrolytic and Galvanic cells, different types of electrodes, electrode potentials including standard electrode potential, half - cell and cell reactions, emf of a Galvanic cell and its measurement; Nemst equation and its applications; Relationship between cell potential and Gibbs' energy change; Dry cell and lead accumulator; Fuel cells; Corrosion and its prevention.

#### **UNIT-9: CHEMICAL KINETICS**

Rate of a chemical reaction, factors affecting the rate of reactions - concentration, temperature, pressure and catalyst; elementary and complex reactions, order and molecularity of reactions, rate law, rate constant and its units, differential—and integral forms of zero and first order reactions, their characteristics and half - lives, effect of temperature on rate of reactions - Arrhenius theory, activation energy and its calculation, collision theory of bimolecular gaseous reactions (no derivation).

#### **UNIT-10: SURFACE CHEMISTRY**

Adsorption- Physisorption and chemisorption and their characteristics, factors affecting adsorption of gases on solids - Freundlich and Langmuir adsorption isotherms, adsorption from solutions.

Catalysis - Homogeneous and heterogeneous, activity and selectivity of solid catalysts, enzyme catalysis and its mechanism.

Colloidal state - distinction among true solutions, colloids and suspensions, classification of colloids - lyophilic, lyophobic; multi molecular, macromolecular and associated colloids (micelles), preparation and properties of colloids - Tyndall effect, Brownian movement, electrophoresis, dialysis, coagulation and flocculation; Emulsions and their characteristics.

#### SECTION-B

#### **Inorganic Chemistry**

## UNIT -11: CLASSIFICATION OF ELEMENTS AND PERIODICITY IN

#### **PROPERTIES**

Modem periodic law and present form of the periodic table, s, p, d and f block elements, periodic trends in properties of elements-atomic and ionic radii, ionization enthalpy, electron gain enthalpy, valence, oxidation states and chemical reactivity.

# UNIT -12: GENERAL PRINCIPLES AND PROCESSES OF ISOLATION OF METALS

Modes of occurrence of elements in nature, minerals, ores; steps involved in the extraction of metals - concentration, reduction (chemical, and electrolytic methods) and refining with special reference to the extraction of Al, Cu, Zn and Fe; Thermodynamic and electrochemical principles involved in the extraction of metals.

#### **UNIT-13:**

#### HYDROGEN

Position of hydrogen in periodic table, isotopes, preparation, properties and uses of hydrogen; physical and chemical properties of water and heavy water; Structure, preparation, reactions and uses of hydrogen peroxide; Classification of hydrides - ionic, covalent and interstitial; Hydrogen as a fuel.

## UNIT - 14: s - BLOCK ELEMENTS (ALKALI AND ALKALINE EARTH METALS)

#### Group - 1 and 2 Elements

General introduction, electronic configuration and general trends in physical and chemical properties of elements, anomalous properties of the first element of each group, diagonal relationships.

Preparation and properties of some important compounds - sodium carbonate, sodium chloride, sodium hydroxide and sodium hydrogen carbonate; Industrial uses of lime, limestone, Plaster of Paris and cement; Biological significance of Na, K, Mg and Ca.

#### UNIT - 15: p - BLOCK ELEMENTS

#### **Group - 13 to Group 18 Elements**

General Introduction: Electronic configuration and general trends in physical and chemical properties of elements across the periods and down the groups; unique behaviour of the first element in each group.

#### Groupwise study of the p - block elements

#### Group - 13

Preparation, properties and uses of boron and aluminium; structure, properties and uses of borax, boric acid, diborane, boron trifluoride, aluminium chloride and alums.

#### Group - 14

Tendency for catenation; Structure, properties and uses of allotropes and oxides of carbon, silicon tetrachloride, silicates, zeolites and silicones.

#### Group - 15

Properties and uses of nitrogen and phosphorus; Allotrophic forms of phosphorus; Preparation, properties, structure and uses of ammonia nitric acid, phosphine and phosphorus halides, (PCI<sub>3</sub>. PCI<sub>5</sub>); Structures of oxides and oxoacids of nitrogen and phosphorus.

#### Group - 16

Preparation, properties, structures and uses of dioxygen and ozone; Allotropic forms of sulphur; Preparation, properties, structures and uses of sulphur dioxide, sulphuric acid (including its industrial preparation); Structures of oxoacids of sulphur.

#### Group - 17

Preparation, properties and uses of chlorine and hydrochloric acid; Trends in the acidic nature of hydrogen halides: Structures of Interhalogen compounds and oxides and oxoacids of halogens.

#### Group -18

Occurrence and uses of noble gases; Structures of fluorides and oxides of xenon.

#### UNIT - 16: d - and f - BLOCK ELEMENTS

#### **Transition Elements**

General introduction, electronic configuration, occurrence and characteristics, general trends in properties of the first row transition elements - physical properties, ionization enthalpy, oxidation states, atomic radii, colour, catalytic behaviour, magnetic properties, complex formation, interstitial compounds, alloy formation; Preparation, properties and uses of K<sub>2</sub> Cr<sub>2</sub> O<sub>7</sub> and KMnO<sub>4</sub>.

#### Inner Transition Elements

Lanthanoids - Electronic configuration, oxidation states, chemical reactivity and lanthanoid contraction.

Actinoids - Electronic configuration and oxidation states.

#### **UNIT - 17: CO-ORDINATION COMPOUNDS**

Introduction to co-ordination compounds, Werner's theory; ligands, co-ordination number, denticity, chelation; IUPAC nomenclature of mononuclear co-ordination compounds, isomerism; Bonding Valence bond approach and basic ideas of Crystal field theory, colour and magnetic properties; importance of co-ordination compounds (in qualitative analysis, extraction of metals and in biological systems).

#### **UNIT - 18: ENVIRONMENTAL CHEMISTRY**

Environmental pollution - Atmospheric, water and soil.

Atmospheric pollution - Tropospheric and stratospheric. .

**Tropospheric pollutarits** - Gaseous pollutants: Oxides of carbon, nitrogen and sulphur, hydrocarbons; their sources, harmful effects and prevention; Green house effect and Global warming; Acid rain;

Particulate pollutants: Smoke, dust, smog, fumes, mist; their sources, harmful effects and prevention.

**Stratospheric pollution-** Formation and breakdown of ozone, depletion of ozone layer - its mechanism and effects.

Water Pollution - Major pollutants such as, pathogens, organic wastes and chemical pollutants; their harmful effects and prevention.

Soil pollution - Major pollutants such as: Pesticides (insecticides, herbicides and fungicides), their harmful effects and prevention.

Strategies to control environmental pollution.

#### SECTION-C

#### Organic Chemistry

## UNIT - 19: PURIFICATION AND CHARACTERISATION OF ORGANIC COMPOUNDS

Purification - Crystallization, sublimation, distillation, differential extraction and chromatography - principles and their applications.

Qualitative analysis - Detection of nitrogen, sulphur, phosphorus and halogens.

Quantitative analysis (basic principles only) - Estimation of carbon, hydrogen, nitrogen, halogens, sulphur, phosphorus.

Calculations of empirical formulae and molecular formulae; Numerical problems in organic quantitative analysis.

## UNIT - 20: SOME BASIC PRINCIPLES OF ORGANIC CHEMISTRY

Tetravalency of carbon; Shapes of simple molecules - hybridization (s and p); Classification of organic compounds based on functional groups: -C = C - 1, -C = C - 1, and those containing halogens, oxygen, nitrogen and sulphur, Homologous series; Isomerism - structural and stereoisomerism.

Nomenclature (Trivial and IUPAC)

Covalent bond fission - Homolytic and heterolytic: free radicals, carbocations and carbanions; stability of carbocations and free radicals, electrophiles and nucleophiles.

Electronic displacement in a covalent bond - Inductive effect, electromeric effect, resonance and hyperconjugation.

Common types of organic reactions - Substitution, addition, elimination and rearrangement.

#### **UNIT - 21: HYDROCARBONS**

Classification, isomerism, IUPAC nomenclature, general methods of preparation, properties and reactions.

Alkanes - Conformations: Sawhorse and Newman projections (of ethane); Mechanism of halogenation of alkanes.

Alkenes - Geometrical isomerism; Mechanism of electrophilic addition: addition of hydrogen, halogens, water, hydrogen halides (Markownikoff's and peroxide effect); Ozonolysis, oxidation, and polymerization.

Alkynes - acidic character; addition of hydrogen, halogens, water and hydrogen halides; polymerization.

**Aromatic hydrocarbons** - Nomenclature, benzene - structure and aromaticity; Mechanism of electrophilic substitution: halogenation, nitration, Friedel - Craft's alkylation and acylation, directive influence of functional group in mono-substituted benzene.

## **UNIT - 22: ORGANIC COMPOUNDS CONTAINING HALOGENS**

General methods of preparation, properties and reactions; Nature of C-X bond; Mechanisms of substitution reactions.

Uses/environmental effects of chloroform, iodoform, freons and DDT.

## **UNIT - 23: ORGANIC COMPOUNDS CONTAINING OXYGEN**

General methods of preparation, properties, reactions and uses.

### **ALCOHOLS, PHENOLS AND ETHERS**

Alcohols: Identification of primary, secondary and tertiary alcohols; mechanism of dehydration.

**Phenols:** Acidic nature, electrophilic substitution reactions: halogenation, nitration and sulphonation, Reimer - Tiemann reaction.

Ethers: Structure.

ALDEHYDE AND KETONES: Nature of carbonyl group; Nucleophilic addition to >C=O group, relative reactivities of aldehydes and ketones; Important reactions such as - Nucleophilic addition reactions (addition of HCN, NH $_3$  and its derivatives). Grignard reagent; oxidation; reduction (Wolff Kishner and Clemmensen); acidity of  $\alpha$  - hydrogen, aldol condensation, Cannizzaro reaction, Haloform reaction; Chemical tests to distinguish between aldehydes and Ketones.

#### CARBOXYLIC ACIDS

Acidic strength and factors affecting it.

## UNIT - 24: ORGANIC COMPOUNDS CONTAINING NITROGEN

General methods of preparation, properties, reactions and uses.

Amines: Nomenclature, classification, structure basic character and identification of primary, secondary and tertiary amines and their basic character.

Diazonium Saits: Importance in synthetic organic chemistry.

#### **UNIT - 25: POLYMERS**

General introduction and classification of polymers, general methods of polymerization - addition and condensation, copolymerization; Natural and synthetic rubber and vulcanization; some important polymers with emphasis on their monomers and uses - polythene, nylon, polyester and bakelite.

#### UNIT - 26: BIOMOLECULES

General introduction and importance of biomolecules.

**CARBOHYDRATES** - Classification: aldoses and ketoses; monosaccharides (glucose and fructose), constituent monosaccharides of oligosacchorides (sucrose, lactose, maltose) and polysaccharides (starch, cellulose, glycogen).

**PROTEINS** - Elementary Idea of  $\alpha$  - amino acids, peptide bond, polypeptides; proteins: primary, secondary, tertiary and quaternary structure (qualitative idea only), denaturation of proteins, enzymes.

VITAMINS - Classification and functions.

# NUCLEIC ACIDS - Chemical constitution of DNA and RNA. Biological functions of Nucleic acids.

## UNIT - 27: CHEMISTRY IN EVERYDAY LIFE

Chemicals in medicines - Analgesics, tranquilizers, antiseptics, disinfectants, antimicrobials, antifertility drugs, antibiotics, antacids, antihistamins - their meaning and common examples.

Chemicals in food - Preservatives, artificial sweetening agents - common examples.

Cleansing agents - Soaps and detergents, cleansing action.

## UNIT - 28: PRINCIPLES RELATED TO PRACTICAL CHEMISTRY

- Detection of extra elements (N,S. halogens) in organic compounds; Detection of the following functional groups: hydroxyl (alcoholic and phenolic), carbonyl (aldehyde and ketone), carboxyl and amino groups in organic compounds.
- Chemistry involved in the preparation of the following:
  Inorganic compounds: Mohr's salt, potash alum.

  Organic compounds: Acetanilide, p-nitroacetanilide, aniline yellow, iodoform.
- . Chemistry involved in the titrimetric excercises Acids bases and the use of indicators, oxalic-acid vs KMnO<sub>4</sub>, Mohr's salt vs KMnO<sub>4</sub>.
- . Chemical principles involved in the qualitative salt analysis:

Anions – 
$$CO_3^{2-}$$
,  $S^{2-}$ ,  $SO_4^{2-}$ ,  $NO_2$ ,  $NO_3$ ,  $CI^+$ ,  $Br^-$ ,  $I^-$ .

(Insoluble salts excluded).

## SYLLABUS FOR APTITUDE TEST B. ARCH./B. PLANNING

. Chemical principles involved in the following experiments:

- 1. Enthalpy of solution of CuSO4
- 2. Enthalpy of neutralization of strong acid and strong base. :
- 3. Preparation of lyophilic and lyophobic sots.
- 4. Kinetic study of reaction of iodide ion with hydrogen peroxide at room temperature.
- Part I

  Awareness of persons, places, Buildings, Materials.) Objects, Texture related to Architecture and build~ environment. Visualising three dimensional objects from two dimensional drawings. Visualising, different sides of three dimensional objects. Analytical Reasoning Mental Ability (Visual, Numerical and Verbal).
- Part II

  Three dimensional perception: Understanding and appreciation of scale and proportion of objects, building forms and elements, colour texture, harmony and contrast.

Design and drawing of geometrical or abstract shapes and patterns in pencil. Transformation of forms both 2 D and 3 D union, substraction, rotation, development of súrfaces and volumes, Generation of Plan, elevations and 3 D views of . objects. Creating two dimensional and thee dimensional compositions using given shapes and forms.

Sketching of scenes and activities from memory of urbanscape (public space, market, festivals, street scenes, monuments, recreational spaces etc.), landscape (river fronts, jungles, gardens, trees, plants etc.) and rural life.

Note:

Candidates are advised to bring pencils, own geometry box set, erasers and colour pencils and crayons for the Aptitude Test.

## **ANNEXURE VI**

MINUTES OF THE MEETING OF THE CURRICULUM COMMITTEE AY & DATE : Friday, 30<sup>th</sup> November, 2007 ME : 11:00 A.M.

DAY & DATE

TIME

VENUE

: Conference Room

Central Board of Secondary Education

**Preet Vihar** DELHI

#### INDEX

AGENDA ITEM			
ITEM			
1	To confirm the minutes of the meeting held on 15.06.2007.		
2	To report on action taken on the minutes of the meeting held on 15.06.2007		
3	To approve revision of the textbooks on Life Skills Education for class 6, Disaster Management for class 9, Teachers Book and audio cassettes in Communicative English, classes 9 and 10.		
4	To approve the revised designs of question papers for classes X and XII for March 2008 examinations.		
5	To approve the World Social Science syllabus for class VI for students in Board's affiliated schools of foreign countries and writing of textbooks for the academic session 2008-09.		
6	To approve the extension of Bahasa Maleyu as one of the foreign languages to class X during the academic session 2008-09.		
7	To approve extension of Japanese language to class 8 during the academic session 2008-09.		
8	To consider and approve the curriculum of the General Health Care as a new Vocational Course in collaboration with FICCI and Academy of administration.		
9	To consider and approve the curriculum of the Fashion Design and Garment Technology as a new Vocational Course in collaboration with National Institute of Fashion Technology, New Delhi.		
10	To introduce Maths lab at Senior School level.		

## The following members were present in the meeting -

1	Shri Ashok Ganguly, Chairman, CBSEIn the Chair
2	Prof. Hukum Singh, Head, NCERT
3	Shri U.N. Singh, Jt. Commissioner, KVS, N.D.
4	Prof. Sunita Malhotra, IGNOU, N.D.
5	Sh. G.S. Negi, Principal, B.V.B., K.G. Marg, N.D.
6	Prof. Kapil Kapoor, JNU, N.D.
7	Prof. A.K. Bhatnagar, University of Delhi, Delhi
8	Dr. Chand Kiran Saluja, Deptt. of Education, University of Delhi, Delhi
9	Prof. C.K. Varshney, JNU, N.D.
10	Dr. Asha Baxi, NIFT, N.D.
11	Dr. Y.P. Purang, Retd. ADE, Directorate of Education, Delhi
12	Prof. Binod Khadria, Zakir Husain Centre for Educ. Studies, JNU, N.D.
13	Prof. Yogendra Yadav, CSDS, N.D.
14	Dr. R.P. Chaurishiya, Ex-Vice-Principal, BVB, N.D.
15	Ms. Vijayalakshmi Srivatsan, Former Principal, Mylapore
16	Mrs. C. Manoharan, St. Thomas School, N.D.
17	Mrs. C. Gurumurthy, Director (Acad.), CBSEMember Secretary

## The following officers of the CBSE were also in attendance -

1	Shri Shashi Bhushan, HOD (Edusat), CBSE	
2	Smt. Sugandh Sharma, Education Officer (Com.)	
2	Shri R.P. Sharma, Education Officer (Science)	
3	Dr. (Smt.) Sadhna Parashar, Education Officer (Lang.)	
4	Smt. Uma Sivaraman Education Officer (OL)	
5	Shri E. Daniel Raju, AEO (Project)	
6	Shri Pushkar Vohra, AEO (Sports)	
7	Sh. A.H. Ahmed, AEO (Voc.)	
	On. A.H. Anned, AEO (Voc.)	

Director (Academic) welcomed the members to the meeting and briefly summarized the activities taken by the Board since the last meeting. Some of the academic activities undertaken during the period were briefly presented as below:

#### **ACADEMIC ACTIVITIES**

#### **Issues relating to Curriculum**

<u>Publication of CBSE Curriculum Documents</u>: The updated Secondary School Curriculum and Senior School Curriculum Volume-1 and 2 for 2009 examination were published and made available to all the affiliated schools.

Supplementary Study Materials in Economics: Following the implementation of the new NCERT textbook in Economics for class XII, CBSE prepared supplementary study materials in Introductory Micro Economics and Macro Economics in both Hindi and English versions. They were put up on CBSE website to help teachers and students in establishing linkages between the old and the new syllabi and textbooks.

#### Professional Competency Education (PCE) - FMM

The Board has already introduced a new vocational course in Financial Market Management in class XI from the academic session 2007-08. In collaboration with National Stock Exchange, Mumbai and BLB Institute of Financial Markets a Mock Trading Software has been developed. It has been made available to schools at subsidized rate to help students acquire practical skills in trading of stocks.

The textbook for class XII in Accounting for Business –II, Introduction to Financial Markets-II and Business Process Outsourcing Skills are under preparation and they are expected to be available to schools by the end of February 2008.

Under Professional Competency Education CBSE is planning to launch the following two courses at senior secondary level:

- General Health Care: The syllabus for class XI & XII has bee prepared with the help of FICCI, CII, Max Health Care Institute and other leading organizations in Health Care. The syllabus include the following components in Health Care:
- Class XI
  - Anatomy and Physiology
  - Health Care Delivery System
  - Food Nutrition and Dietetics
- o Class XII
  - Health Education, Communication, Public Relations and Public Health
  - Basic Concepts of Health & Disease and Medical Terminology
     First Aid and Emergency Medical Care

Besides the above students have to take one language and Biology as compulsory subjects. They can also take an additional academic subject which will provide vertical mobility.

Another course under Professional Competence Education that is being developed is Fashion Design and Garment Technology.

The syllabus and course materials are being prepared with the help of National Institute of Fashion Technology, New Delhi.

The syllabus consists of the following PCE components:

Class XI

Introduction to Fashion Industry Elements of Design and Fashion Garment Construction- I

#### Class XII

- Fabric Study
- Basic Pattern Development
- Garment Construction It

Besides the above subjects the students have to study one language and another elective from the academic stream. They can also take an additional subject or language to facilitate vertical mobility.

#### Other Curricular initiatives

Japanese Language, introduced in class VI during 2006-07, was extended to class VII during 2007-08. Textbooks prepared by Japan Foundation have been made available to schools. Three teacher training programmes have also been conducted. Textbooks for class VIII are under preparation.

Bahasa Maleyu has been introduced in class IX from the academic year 2007-08. The syllabus and textbooks prescribed by the Ministry of Education, Malaysia have been adopted. Presently only one school (Global Indian International School, Kuala Lumpur) is teaching this language. Efforts are on to identity subject experts to vet the syllabus and textbooks.

World Social Science Curriculum: The core working group constituted by the Board has finalized the syllabus in World Social Science for class VI. Efforts are on to write the textbooks which will come into effect from the academic session 2008-09.

'Learning By Doing', a Manual for teachers for class VII Science has been prepared in collaboration with Nehru Planetarium and Delhi University. It will be available to schools shortly.

Health Manual: Comprehensive School Health Manual in four volumes has been prepared and will be released shortly. Simultaneously Global Health School Survey has been completed in 75 identified schools (25 Govt., 25 independent and 25 JNVs & KVs). Results are being sent to WHO India and Geneva for processing.

Adolescence Education Programme: After completing one round of training, schools have been instructed to focus on development of life skills though curriculum plus activities from class IX onwards.

#### **Assessment and Evaluation**

## Revised designs of question papers for class X & XII examinations:

Based on the National Curriculum Framework – 2005 the Board has redesigned the question papers in all the major subjects for class X & XII examinations and they will come into effect from March, 2008 examination.

Besides testing understanding of information, the focus will be on measuring students' abilities to reason, justify, analyze, process and evaluate information.

The new design includes about 10% of very short answer questions and about 20% of questions to assess high order thinking skills

Sample Question Papers developed on the new design have been published. They are also available on CBSE website.

#### **Moderation of Internal Assessment**

- A committee headed by Shri Pavnesh Kumar, former Controller of Examinations, CBSE has been constituted to examine the co-relation between the student performance in external examination and internal assessment in class X in subjects of Mathematics and Social Science.
- The committee has been entrusted with the task of suggesting ways and means to improve the quality and credibility of internal assessment.
- The committee also may recommend moderation, statistical/manual, in order to achieve this objective.

#### Improving the quality of laboratory practical work in class IX & X:

- The Board introduced restructured question paper in Science with 60% for external theory exam, 20% for external theory examination to test practical skills and 20% for internal assessment of laboratory practical work from March 2007 examination for class X.
- Though the introduction of external examination of practical skills has improved laboratory work in class X, there is still a need to strengthen practical work for class IX. The Board is considering a proposal of incorporating the practical syllabus of class IX along with the practical syllabus of class X for the external examination on practical skills to be held as part of class X Board examination

#### Improving the internal assessment in Mathematics for class IX & X:

- The internal assessment in Mathematics for class IX & X carries 20 marks as per the following breakup:
  - Year-end Evaluation of activates:Evaluation of project work:
    - Evaluation of project work: 05 marks
      Continuous assessment: 05 marks
- From feedback it is seen that the project work is not taken seriously and readymade market developed projects have started appearing. In order to curb this menace, it is proposed to prepare a list of projects in Mathematics for class IX & X which will be changed every year. This practice has already been adopted in Social Science.

10 marks

## Teacher Training Programmes were conducted in the following subjects during this period:

- Science (class X) at Shimla and Kochi about 160 teachers were trained.
- Mathematics (class X) at Nagpur, Bhubaneswar and Hyderabad about 300 teachers were trained
- Bio-technology (class XII) at Delhi for schools from all over the country 65 teachers participated.
- Economics (class XII) at Meerut, Chennai and Calicut about 200 teachers participated.
- Further teacher training programmes have been planned for the schools in the Middle East during December 2007.

### **Empowerment of Principals**

- Strategic Leadership Training at NUEPA: A five-day training programme was conducted for principals at NUEPA from 14th 18th May, 2007. 52 principals participated. The next programme is slated for 3rd to 7th December, 2007.
- Strategic Leadership Training at IIM, Ahmedabad: the 9th training at IIM, Ahmedabad was held on 7th -13th October, 2007. 45 principals attended the programme. IIM, Kolkata, IIM Bangalore and XLRI, Jamshedpur have also shown interest. Details are being worked out.
- Induction courses for Principals of newly affiliated schools conducted at Delhi. Kochi, Lucknow, Kolkata and Chandigarh.

#### **Student Enrichment Activities**

- National Science Exhibition at zonal level was held in 11 centres across the country in August, 2007. Over 850 schools participated at the zonal level exhibitions and the best of these exhibits were featured in the National Exhibition which was held at New Delhi in September, 2007. 105 schools participated. 20 best exhibits were selected and awarded cash prize. They would also participate in the National Children's Science Exhibition in December, 2007 at Pondicherry.
- Group Mathematics Olympiad: The regional level was held in October, 2007 and over 5000 students participated. 30 best students have been selected to participate in the Indian National Mathematics Olympiad to be held in January, 2008.
- The first written round of CBSE Heritage India Quiz was conducted in August, 2007. Nearly 3000 students participated. Zonal rounds were conducted in September and October 2007. The national final will be held in December, 2007 at New Delhi
- The fist stage CBSE National Informatics Olympiad was held in November, 2007. Over 9000 students participated in 48 centres across the country and abroad.
- CBSE National Sports Programme for the academic session 2007-08 is in progress in 14 disciplines.

## National Šahodaya Conference

- The 14th National Sahodaya Conference was held at Chandigarh on 1st -3rd November, 2007.
- About 400 principals from all over the country attended the conference.
- The theme of the conference was "Thinking Schools Learning Communities'.
- A Souvenir was also released on this occasion.

Then the agenda items were taken up:

Item No. 1

To confirm the minutes of the meeting held on 15.06.2007.

Minutes of the last meeting were circulated and no comments were received. Hence it was resolved that the minutes be confirmed.

#### Item No. 2

To report on action taken on the minutes of the meeting held on 15.06.2007.

The Committee received the action taken report. The members appreciated various initiatives taken by the Board. On proposed collaborative project with the Australian Council for Educational Research in the field of skill based assessment at the primary and upper primary levels, Prof. Yadav enquired about the purpose of issuing a global tender. Prof. Khadria cautioned the Board on the feasibility of such foreign collaborations as they usually turn out to be commercial venture in the garb of academic pursuit. Director (Acad.) explained to them that item no.2 pertained to action taken on the discussions held on this topic in the last meeting. The Committee was assured that as per its recommendations, the Board had referred the matter to its Finance Committee and is being taken up by the Administration Unit. Further developments shall be intimated to the members. It was resolved that the action taken report be recorded.

#### Item No. 3.

To approve revision of the textbooks on Life Skills Education for class 6, Disaster Management for class 9, Teachers Book and audio cassettes in Communicative English, classes 9 and 10.

The committee approved the revision of the stated books. However, Prof. Yogendra Yadav questioned the very need of introducing Disaster Management as it has increased study load on the students. Dr. Asha Bakshi suggested that rather than theorizing Disaster Management, it should be combined with film shows, mock drills etc. Mrs. Vijay Lakshmi Srivatsan informed the august house that this topic is not an add on to the syllabus as social science teachers are already integrating this topic in their teaching and mock drills, debates, film shows etc. are organized at regular intervals to train, aware and sensitize the students. Mr. Negi added that disaster management component should no longer be taken up separately but integrated in the main text. Director (Acad.) informed the members that already the Social Science Committee had proposed setting up a sub-committee to integrate disaster management components in science and social science subjects by co-opting members of the Science Course Committee.

Prof. Yogendra Yadav also asked if the Board had brought out teachers books in other subjects as well. Director (Acad.) informed him that NCERT has already taken up preparation of teacher's handbooks in different subjects for textbooks prepared by them. The cited teachers book is for English Communicative subject for Class X, an exclusively CBSE initiative in which textual materials have been prepared and printed by the Board.

#### Item No. 4.

To approve the revised designs of question papers for classes X and XII for March 2008 examinations

Director (Acad.) apprised the august House the highlights of the changes effected in the question paper designs. Prof. Hukum Singh expressed his concern about not implementing NCF recommendation of introducing multiple choice questions in the Board's new designs. Mr. Negi drew the Committee's attention towards the introduction of multiple choice questions in the theory based practical examination in Science Class X with effect from Board's examination 2007. Acknowledging the NCERT initiatives in preparing sample question papers, the Board's sincere effort to adapt NCF recommendation contextualizing the same to practicalities in the administration of an examination of the magnitude conducted by the Board every year was explained. Prof. Yogendra Yadav recommended constituting an appropriate Committee for examining the standardization of the typology of questions across the disciplines by analyzing the interpretation of very short answer questions and questions for testing higher order thinking skills by the various subject Committees. He further suggested that the committee would also look into the extent to which multiple type questions may be introduced taken in a holistic context of academic benefits vis-à-vis administrative constraints. With these added recommendations the Committee approved the existing design for Board examinations 2008 of Classes X XII.

Dr. Asha Bakshi expressed her concern on adequate orientation to the teachers regarding the new design of question papers. Prof. Hukum Singh informed the members that NCERT has organized intensive orientation programs for teachers through Video conferencing, face to face teaching, master trainers programs, etc by including CBSE representatives who could adequately explain the new design of the question papers.

#### Item No. 5.

To approve the World Social Science syllabus for class VI for students in Board's affiliated schools of foreign countries and writing of textbooks for the academic session 2008-09.

The committee approved in principle the introduction of World Social Science syllabus for class 6 from the next session but also advised the Board to have one more review meeting with the Course Committee by co-opting Prof. Noor Mohammad, Prof. Yogendra Yadav and Mr. Negi.

#### Item No. 6

To approve the extension of Bahasa Maleyu as one of the foreign languages to class X during the academic session 2008-09.

The Committee approved the extension of Bahasa Maleyu to class X from 2008-09 with a note that the Board should soon have its own syllabus by expediting the constitution of its Course Committee.

#### Item No. 7

To approve the extension of Japanese language to class 8 during the academic session 2008-09.

The committee approved the extension of Japanese language to class 8 in session 2008-09 and urged that preparation of syllabus and course materials by the Japan Foundation, New Delhi be expedited.

#### Item No. 8

To consider and approve the curriculum of General Health Care as a new Vocational Course in collaboration with FICCI and Academy of `administration.

The Committee approved syllabus of General Health Care .Following suggestions emerged from the discussion on this syllabus at senior secondary stage: Inclusion of basic elements of home remedies/indigenous medicines; Hospital acquired infections and allergies; drug use and dependence.

General Health Care is renamed suitably in the context of the syllabus designed.

#### Item No. 9

To consider and approve the curriculum of the Fashion Design and Garment Technology as a new Vocational Course in collaboration with National Institute of Fashion Technology, New Delhi.

The Committee considered and approved the curriculum of Fashion Design and Garment Technology as a new vocational course.

#### Item No.10

To introduce Maths lab at Senior School level.

With the permission of the Chair, the initiative to introduce Maths lab in Senior School level was discussed and decided that a Committee will be constituted to look into the same.

The meeting ended with a vote of thanks to the Chair.

sd/-Director (Academic) C.B.S.E. sd/-Chairman C.B.S.E.



# MINUTES OF THE MEETING OF THE EXAMINATION COMMITTEE HELD ON 04.12.2007 AT 4.00 P.M. IN THE CONFERENCE HALL, CBSE, 2, COMMUNITY CENTRE, PREET VIHAR, DELHI-110301

#### PRESENT:

- 1. Shri Ashok Ganguly, Chairman, CBSE
- Sh. Ranglal Jamuda, Commissioner Kendriya Vidyalaya Sangthan Shaheed Jeet Singh Marg New Delhi
- Dr. R.K.Sharma
   Additional Director of Education (Schools)
   Directorate of Education
   Old Secretariat
   Delhi
- Shri Y.P. Purang,
   Rtd. Addl. Director of Education,
   C-2/113 Janakpuri,
   New Delhi
- Shri N.P. Dhaka, Principal, Dr. Rajendra Prasad Govt. Sarvodaya Vidyalaya, President's Estate, New Delhi
- 6. Shri M.C. Sharma, Controller of Examinations, CBSE, Delhi

Prof. M.P.Srivastava, Deptt. of Physics, University of Delhi and Prof. A. K. Bhatnagar, Deptt. of Biology, University of Delhi, Delhi could not attend the Meeting

due to pre-occupations. Shri S.K. Chopra, Joint Secretary (Coord) also attended the meeting.

At the outset, the Chairman, CBSE extended a warm welcome to all the Members present in the meeting. Thereafter, he requested the Controller of Examinations, CBSE to take up the Agenda. The Controller of Examinations again welcomed all the Members and thereafter took up the items for discussion.

## ITEM I: TO CONSIDER THE MINUTES OF THE MEETING OF THE EXAMINATION COMMITTEE HELD ON 18.6.2007.

The Committee resolved that the Minutes be approved.

## ITEM II: TO REPORT ACTION TAKEN ON THE MINUTES OF THE EXAMINATION COMMITTEE HELD ON 18.6.2007.

The Committee recorded the action taken by the office.

# ITEM III: TO CONSIDER AMENDMENT IN RULE 24(i) OF THE EXAMINATION BYELAWS RELATING TO CONCESSIONS FOR BLIND, PHYSICALLY CHALLENGED AND DYSLEXIC STUDENTS.

A Blind, Physically Handicapped and Dyslexic student appearing for the Secondary School Examination or Senior School Certificate Examination is permitted to use an amanuensis and is allowed an additional one hour (60 minutes) time for each paper of 3 hours duration. It has been observed that for the subjects which are having duration of examination less than three hours the students are allowed an additional one hour extra time which is not in consonance with the rule.

After deliberations the Committee approved that the Rule 24(i) be amended as under:-

EXISTING RULE	AMENDED RULE
Blind, Physically Handicapped Dyslexic	Blind, Physically Handicapped Dyslexic
student appearing for Secondary School	student appearing for Secondary School
Examination or Senior School	Examination or Senior School Certificate

Certificate Examination is permitted to Examination is permitted to use use an amanuensis and shall be allowed an additional one hour (60) minutes) time for each paper.

amanuensis and shall be allowed an additional time as given below:

For paper of 3 hours 60 minutes

For paper of 21/2 hrs. 50 minutes

For paper of 2 hours 40 minutes

For paper of 11/2 hrs. 30 minutes

#### TO CONSIDER CHOICE OF SUBJECTS FOR FOREIGN NATIONAL ITEM IV: SEEKING ADMISSION IN CBSE AFFILIATED SCHOOLS.

Sh. S. K. Kala, Director, PPS Society, Dehra Doon vide his letter dated 20th September, 2007 has highlighted the following problems being faced by foreign students while seeking admission to CBSE affiliated schools:

- 1. They are facing a problem in Hindi & Social Studies, as every one want to learn about his mother tongue and countries history, geography & Civics.
- 2. Most of the students do not want to opt German & French.

The Controller of Examinations informed the House that the assertion of Sh. S.K.Kala that the ICSE is also having clear cut stream for foreign students is not correct as per ICSE Regulations and Syllabus. After deliberations the Committee decided that Sh. S.K.Kala may be requested to give further feed back in the matter. The House further decided that in this context opinion/views of the Principal of the schools in foreign countries preferably in Singapore, UAE and Kuwait may be had before proceeding further in the matter.

# ITEM V: TO CONSIDER GRANT OF BENEFIT OF INCREASE IN MARKS IN THE SUBJECT AFTER RETOTALLING IN WHICH THE CANDIDATE HAS NOT APPLIED FOR VERIFICATION OF THE MARKS OFFICIALLY.

The case relates to Master Ayush Rai who appeared for All India Senior School Certificate Examination, 2007 vide Roll No.5720897 as a regular student of Sunbeam English School, Varanasi. On declaration of result the Principal of the school showed her dis-satisfaction over the marks awarded to candidates bearing Roll Nos. (i) 5721168 (ii) 5720995 (iii) 5720897 (iv) 5721147 and (v) 5721169 in the subject Functional English. Accordingly the answer books in respect of such candidates were got checked at Regional Office, Allahabad. On checking no mistake was found in case of Roll Nos. mentioned above except Roll No.5720897 where a difference of 20 marks was found in the answer book of the candidate i.e. instead of 55 marks the candidate secured 75 marks because of totaling error on the cover page. The candidate has not applied for verification of marks.

After deliberations the Committee resolved that since neither the candidates nor the school have deposited the fee for verification of marks as per Rules of the Board, the school may be requested to deposit the requisite fee in respect of the 05 candidates before any further action is taken in the matter. In case the candidates or the school deposits the requisite fee further necessary action may be taken by the Board for revising the marks in Functional English, if any.

ITEM VI: TO REPORT ACTION TAKEN BY THE CHAIRMAN FOR REVISING THE RESULT OF KM. POONAM GUPTA A VISUALLY IMPAIRED CANDIDATE WHO APPEARED AT SECONDARY SCHOOL EXAMINATION, 2007 VIDE ROLL NO.6300620.

Km. Poonam Gupta a visually impaired child appeared for the Secondary School Examination, 2007 at SCSGBSSS, Mayur Vihar, Delhi vide Roll No. 6300620. Though the Centre Superintendents are instructed to send the answer books of such candidate in a separate cover, the Centre Superintendent of the above Centre did not adhere to the instructions of the Board and sent the answer books of Mathematics and Science & Technology of the above candidate along with the answer books of general candidates

which resulted in wrong de-coding and subsequently sent to Examiners evaluating the answer books of general candidates.

Mrs. Usha Rani Moga, TGT Science of Sarvodaya Kanya Vidyalaya, Besai Darapur, New Delhi-110015 and Mr. Kuldeep Singh, Sidhu, TGT, Maths, Sarvodaya Bal Vidyalaya, Ashok Nagar, New Delhi - 110027 were the examiners examining the answer books of Science & Technology and Mathematics respectively. Both the Examiners failed to realize that the candidate had been administered separate question paper meant for blind candidates and wrongly evaluated the answers according to the question paper and Marking Scheme of the general candidates.

The candidate on getting the result approached the Board and on verification it was found that the answer books had been wrongly evaluated and corrective measures were taken to get them re-evaluated and correct marks were informed to the candidate. Both the examiners have been debarred from remunerative work of the Board for two years w.e.f. 2008 Examinations.

After deliberations the Committee ratified the decision taken by the Chairman in debarring both the examiners for any remunerative work of the Board for two years w.e.f. 2008 Examinations. The Committee further resolved that some more stringent measures need to be taken under similar cases.

ITEM VII: TO REPORT CASE OF IMPROPER HANDLING OF ANSWER BOOKS OF 2007 EXAMINATIONS BY CENTRE SUPDTT. CSHP MEMORIAL PUBLIC SCHOOL, OPP. JAIN TUBE COMPANY, MEERUT ROAD, GHAZIABAD (U.P.)

CSHP Memorial Public School, Opp. Jain Tube Company, Meerut Road, Ghaziabad (UP) was the examination centre for the conduct of Board's examinations, 2007. From the blank Answer books returned by the school/centre it was observed by the Regional Office, Allahabad that flying slips of 135 Answer books were filled up with the particulars of certain candidates in red ink whereas these Answer books were not

used by the candidates for the examinations. Thus prima facie pointing towards some foul play.

In view of above, the Centre Superintendent of the above school vide letter dt. 26.04.2007 of the Regional Office, Allahabad was asked to appear in person at the Regional Office, Allahabad on 07.05.2007 to explain the factual position. Instead of appearing in person at the Regional Office, Allahabad the Centre Superintendent informed the Regional Office, Allahabad vide his letter dt. 03.05.2007 that subject Answer books are of absent candidates and the entries have been filled by the Asstt. Superintendent of the exam., in red ink. But the motive behind filling up of particulars in red ink in respect of Absent candidates was quite inexplicable. The explanation of the Centre Superintendent was not found to be satisfactory.

The Principal, CSHP Memorial Public School, Ghaziabad vide letter dt. 23.10.2007 has been requested to remit a sum of Rs.660/- being the cost of these 135 Answer books, which has been remitted by the school.

The Committee ratified the decision taken by the Chairman in not fixing the school as an examination centre for the next 02 years.

The Committee after deliberations resolved that the school be not fixed as an Examination Centre for the future. The person who has acted as Centre Superintendent in 2007 Examinations be debarred from any remunerative work of the Board for next two years. The Committee further desired that the matter about the wasted answer books be further investigated whether these answer books belong to the candidates who were actually absent. Further the Centre Superintendent/Assistant Superintendent(s) wrote the details regarding the roll numbers of all the candidates who appeared in the 2007 Examinations or only of the Absent candidates.

ITEM VIII: TO CONSIDER ALLOWING BLIND CANDIDATES TO PREPARE FOR THE SUBJECT PRIVATELY AS THE SAME IS NOT AVAILABLE IN THE SCHOOL.

The Extracts from letter No.NAB/HSB/12/293 dated 5.11.2007 National Association for the Blind, Faridabad are as under:

"We would like to draw your kind attention towards a general problem faced by our blind children, their parents and by us. Some of our students want to study Music or other optional subjects in place of Mathematics but most of the schools does not have affiliation in optional subject like Music, Home Science etc. from your esteemed Board.

Now we wish to know, whether a blind child learn above stated optional subject on his own or by the help of any local Association working for the education of the Blind and the rest subjects may be regularly taught by the mainstream school of that particular child (as per the scheme of studies of Board.)"

After deliberations the Committee resolved that the facility of studying a subject as per scheme of study and curriculum privately which is not available in the school may be extended to blind candidates who wish to study subject like Music, Home Science etc. as extended learning.

The Meeting then ended with a Vote of Thanks to the Chair.

 Sd/-(ASHOK GANGULY) CHAIRMAN

## MINUTES OF THE MEETING OF AFFILIATION COMMITTEE HELD ON 24.12.2007 at 5.00 PM IN THE CHAMBER OF THE CHAIRMAN, CBSE, PREET VIHAR, DELHI.

#### Present:

1. Shri Ashok Ganguly, Chairman, CBSE,

In the Chair

Preet Vihar, Delhi-110092.

The Joint Secretary(SE),
 Deptt. of Sec. & Higher Education,
 M.H.R.D., Shastri Bhawan,
 New Dethi-110001.

Member

Smt.Annie Koshi,
 Principal,
 St. Mary's School,
 B-2, Block Safdarjang Enclave,
 New Delhi-110029.

Member

Member

- Shri Neelankantan, Principal, Sir Sivaswami Kalalaya Sr. Sec.School, 5, Sundareswarar Street, Mylapore, Chennai-600004.
- Shri G S Negi,
   Principal,
   Bhartiya Vidya Bhavan,
   K G Marg, New Delhi-110001.

Member

Shri Vineet Joshi,
 Secretary, CBSE,
 Preet Vihar, Delhi - 110092.

Member Secretary

The Director, Directorate of Education, Govt. of NCT, Delhi could not attend the meeting due to his pre-occupation.

Shri U C Bodh, Assistant Secretary (Affiliation) was also present in the meeting.

The Committee deliberated on the notes of each item of Agenda of the Meeting as per the provisions laid down in the Affiliation Bye-Laws of the Board and resolved as under:

ITEM-1 TO CONFIRM THE MINUTES OF THE LAST MEETING OF THE AFFILIATION COMMITTEE HELD ON 11.10.2007.

The Minutes of the last meeting of the Affiliation Committee held on 11.10.2007 be confirmed.

ITEM-2 TO CONSIDER ACTION TAKEN REPORT ON THE MINUTES OF THE LAST MEETING OF THE AFFILIATION COMMITTEE HELD ON 11.10.2007

The report of the follow up action taken on the Minutes of the meeting of the Affiliation Committee held on 11.10.2007 be recorded.

ITEM-3 TO CONSIDER FINAL RECOMMENDATIONS OF TECHNICAL COMMITTEE CONSTITUTED FOR SUBMISSION OF RECOMMENDATIONS FOR RELAXATION IN THE LAND CONDITIONS FOR AFFILIATION OF SCHOOLS WITH CBSE.

The Committee considered the item and resolved to approve the recommendations made by the Technical Committee regarding relaxation of land norms of the Board to minimum 01 acre in respect of Punchkula city within its Municipal limit and Mohali (old SAS Nagar). The restriction as already resolved by the Affiliation Committee in its meeting dated 16.5.2007 against the Item No. 4 would also be applicable in this case. Necessary amendment as required to this effect in the Affiliation Bye-Laws may be placed before the Governing Body.

ITEM-4 TO CONSIDER INCORPORATION OF PROVISIONS IN THE AFFILIATION BYE-LAWS FOR PREVENTION OF EXPULSION/TERMINATION OF PHYSICALLY CHALLENGED STUDENTS.

The Committee considered the item and after deliberation resolved to approve the following proposed addition to Chapter II under Clause 13 (6) with minor change in the Agenda proposal:

"Every school shall promote inclusion of student with disabilities/special needs in the normal school as per provisions of the 'Persons with Disabilities Act 1995' and in conformity with National Policy of Education".

ITEM-5 TO CONSIDER INCORPORATION OF PROVISIONS IN THE AFFILIATION BYE-LAWS OF THE BOARD FOR MAKING IT MANDATORY TO SPONSOR CANDIDATES AT CLASS X AND CLASS XII EXAMINATIONS OF THE BOARD.

The Committee considered the item and deliberated in detail upon the proposed addition of sub-clause (iv) to Rule 13.11 of Affiliation Bye-Laws of the Board. The Committee resolved to approve the incorporation of proposed sub-clause with minor addition as under:

Rule 13.11(iv) Every affiliated school shall sponsor regularly its bonafide and eligible students in Boards Class X and Class XII examinations from the year mentioned while granting affiliation/upgradation without break or inform with reasons thereof in writing well in time about the non-sponsoring of the candidates. Failure to do so will lead to suo moto withdrawal of the affiliation of the school for Secondary and Senior Secondary Examinations as the case may be.

ITEM-6 TO CONSIDER INCORPORATION OF PROVISIONS IN THE AFFILIATION BYE-LAWS REGARDING SUBSCRIPTION OF BROAD BAND CONNECTION IN CBSE AFFILIATED SCHOOLS.

The Committee considered the item and after detail discussions felt that besides, the proposed Broad Band connectivity facilities, all the CBSE affiliated schools must also have atleast one adequately equipped computer lab. The Committee accordingly resolved incorporation of the following provisions under Rule 8.8:

Chapter II Rule 8 – Physical Facilities Rule 8.8 –

(i) The school should have atleast one adequately equipped computer lab with a minimum of 10 computers or computer student ratio of 1:20 and proper software.

- (ii) Wherever such facility is available, the school should have the facility of Board Band Connectivity with the feature of 'internet always on' from any service providers.
- (iii) Schools which are already affiliated shall create such facilities as mentioned in sub-clause (ii) above within one year from the date this Rule comes into force.

ITEM-7 TO CONSIDER REVISION **OF** REMUNERATION TO INSPECTORS INSPECTION OF FOR SCHOOLS AND REVISION OF AFFILIATION **FEES** PAYABLE BY SCHOOLS **FOR** PROVISIONAL AFFILIATION/EXTENSION OF AFFILIATION ETC. WITH THE BOARD.

The Committee considered the item and discussed the proposed revision of affiliation fee in certain categories and also hike in payment of honorarium to the Inspectors etc. After detailed discussion, the Committee resolved to approve the increase in fee as following in cases of fresh affiliation upto Secondary level, upgradation to+2 level, switch over from State Board to CBSE upto Sec./Sr. Sec. level and introduction of additional subjects in respect of Independent School located in India and Abroad.

	Provision .	Provision
Fresh Provisional Affiliation for Secondary Classes (Class-X)		
i) Independent schools within the country.	10,000/-	20,000/-
ii) Composite/Switch over from State Board to CBSE	20,000/-	30,000/-
iii) Overseas / Independent Schools	25,000/-	50,000/-
Upgradation to Plus Two Stage		
i) Independent schools within the country.	10,000/-	20,000/-
from State Board to CBSE	.30,000/-	50,000/-
level iii) Overseas Independent Schools	25,000/-	50,000/-
	i) Independent schools within the country. ii) Composite/Switch over from State Board to CBSE upto Secondary level iii) Overseas Independent Schools  Upgradation to Plus Two Stage  i) Independent schools within the country. ii) Composite/Switch over from State Board to CBSE upto Senior Secondary level iii) Overseas Independent	i) Independent schools within the country. ii) Composite/Switch over from State Board to CBSE upto Secondary level iii) Overseas Independent Schools  Upgradation to Plus Two Stage  i) Independent schools within the country. ii) Composite/Switch over from State Board to CBSE upto Senior Secondary level iii) Overseas Independent

C.	Intro Subj	duction o	f Additional		
	i)	Independer the country.	nt schools within	1,000/-	2,000/-
	ii)	Overseas Schools	Independent	2,000/-	6,000/-

The Committee also resolved to approve the following:

- That the amount of remuneration for the inspection of schools be revised from the prevailing rate of Rs.800/- to Rs.1500-/. per inspector alongwith usual TA/DA as per rules of the Board.
- 2. The rate of local conveyance for the inspection of school be revised from the prevailing Rs.3/- per km to the rate at par with the approved rate of Govt. of India or lump sum local conveyance of Rs.500/- per day whichever is less for a maximum of 2 days including the day of inspection.
- 3. The Board shall also pay maximum amount @Rs.1250/- in respect of A-1 and A-Class city and Rs.1000/- for other classified cities per night for maximum two nights or actual stay subject to the production of bill and certification from the Inspector that he has not availed any hospitality from the school. In addition, TA as per entitlement shall also be paid to the Inspectors.
- 4. Henceforth, the Board may categorically prohibit the Inspectors to avail any facilities on account of conveyance/boarding and lodging from the school.

## ITEM-8 TO CONSIDER AMENDMENT IN RULE 30 OF AFFILIATION BYE LAWS OF THE BOARD REGARDING RETIREMENT.

The Committee considered the item and resolved to approve the proposed amendment in Rule 30 (i) of Affiliation Bye-Laws of the Board.

Existing provisions	Proposed provisions
1. Every employee including Head of institution shall retire from service on attaining the age of 60. However if the age of superannuation falls during the academic session, the concerned employee will retire at the end of the academic session.  Provided further that if such	Not withstanding anything contained in these rules or otherwise every employee including Head of institution shall.

employee is a recipient National/State/CBSE Teachers Award. He may be considered for a further extension of service for two years after attaining the age of superannuation provided he is medically fit and is prepared to serve the school. The school managing committee after considering such case of extension of service. shall forward the details to the Board.

the academic session.

Provided further that if such empioyee is а recipient National/State/CBSE Teachers Award. He may be considered for a further extension of service for two years after attaining the age of superannuation provided he is medically fit and is prepared to serve the school. The school managing committee after considering such case of extension of service, shall forward the details to the Board.

# ITEM-9 CONSIDERATION OF THE CASE OF MILTON PUBLIC SCHOOL, AGRA REGARDING SPONSORING OF DISPROPORTIONATE OF CANDIDATES IN BOARDS CLASS X AND CLASS XII EXAMINATION.

The Committee observed that Milton Public School Agra has sponsored disproportionate number of students in Board's Examination and the school doesn't have adequate infrastructure to accommodate a large number of students which the school is sponsoring at Boards Class X and Class XII Examination. The Committee also observed that the CBSE has already restricted the number of sections in classes IX to XII w.e.f. the academic session 2008-09. The Committee resolved to approve the action taken by the Chairman, CBSE. The Committee also decided that a severe warning may be issued to the school and the school may be physically inspected before grant of further extension of Provisional Affiliation.

# ITEM-10 CONSIDERATION OF THE CASE OF DELHI PUBLIC SCHOOL, 6 K.M.MILESTONE, DELHI ROAD, MORADABAD (UP) REGARDING TRANSFER OF FUNDS TO DPS SOCIETY.

The Committee resolved to decide that the item may be deferred, clubbed with any similar discussion/decision earlier and be placed before the next meeting when it meets.

# ITEM-11 CONSIDERATION OF CASE OF CENTRAL ACADEMY, VIKAS NAGAR, LUCKNOW (UP) REGARDING GRANT OF PROVISIONAL AFFILIATION UPTO SECONDARY LEVEL.

The Committee considered the item and observed that Central Academy, Vikas Nagar, Lucknow (UP) is situated on a campus area of 3089.50 sq.mtr. taken on lease for 30 years from Uttar Pradesh Housing and Development Corporation. Further a public park with an area of 4884 sq.mtr. of Nagar Nigam Lucknow is available adjoining to the school campus. There is registered agreement executed between the Nagar Nigam Lucknow and Central Academy Shiksha Samiti, Lucknow, the Nagar Nigam has allotted the above said park for playground purpose of the school for 30 years. Thus, the school have total 7973 sq.mtr land. Keeping in view the above, the Committee resolved that the school may be granted Composite Provisional Affiliation upto secondary level w.e.f. 1.4.2007 to 31.3.2010 subject to the condition that in case of withdrawal or discontinuation of agreement made for use of the said park for school playground with the Nagar Nigam, the Affiliation granted to the school would also suo moto stand withdrawn. The school will also produce a letter from the Nagar Nigam Lucknow to the effect that the park allotted to the school is exclusively for the school's use only.

# ITEM-12 TO CONSIDER THE CASE OF BHARATIYA VIDYA MANDIR, KITCHLU NAGAR, LUDHIANA REGARDING PASSING HIGH TENSION ELECTRIC LINE OVER THE SCHOOL CAMPUS ETC.

The Committee considered the item and resolved to approve the action taken by the Chairman, CBSE. The Committee further resolved that the Board may also take initiatives for removal of the high tension electrical line from the school campus by writing to the District Collector and the concerned Department.

# ITEM-13 TO CONSIDER THE CASE OF ZINC SMELTER SR. SEC. SCHOOL, VISAKHAPATAM, ANDHRA PRADESH WHICH HAD SPONSORED DISPROPORTIONATE NUMBER OF STUDENTS AT BOARD'S CLASS XII EXAMINATIONS.

The Committee considered the item and observed that there is a disproportionate number of students in Class XI and Class XII and also observed the findings of the Inspection Committee which inspected the school on 3rd and 4<sup>th</sup> August, 2007. The Committee also observed that the school has inadequate infrastructure and teaching staff and the school is committing serious irregularities. Thus, the Committee resolved to decide that the school may be downgraded from Senior Secondary to Secondary stage w.e.f. the academic session 2008-09. The school shall not open class XI from the academic session 2008-09 and their present class XI be allowed to appear at AISSCE 2009 subject to the condition that such students are bonafide students of the school and there is no direct admission in Class XII.

# ITEM-14 CONSIDERATION OF REQUEST FOR GRANT OF PROVISIONAL AFFILIATION UPTO SECONDARY STAGE TO GLORY PUBLIC SCHOOL, POCKET B, SARITA VIHAR, NEW DELHI

The Committee considered the item and observed that all other similar schools which have recognition of the Directorate of Education, Govt. of NCT, Delhi, have been permitted to sponsor their candidate at the Boards Examinations. The Committee also observed that the school was not permitted to sponsor its candidate by the Board as the school had filed the Court Case and the school has withdrawn the case subsequently. The Committee resolved to decide that the school may be granted special permission to sponsor its students in Class X Examination to be held in 2008.

ITEM-15 TO REPORT ACTION TAKEN BY THE CHAIRMAN OF THE BOARD FOR DISAFFILIATION OF HIMALAYAN PUBLIC SCHOOL, VILLAGE RAM JI CHAK, P.O. BATAGANI, P.S. DIGHA, DANANAPUR, PATNA W.E.F. THE SESSION 2007-08.

The Committee considered the item and resolved to approve the action taken by the Chairman, CBSE withdrawing the Provisional affiliation for Secondary level granted to the school w.e.f. the session 2007-08.

## ITEM-16 TO REPORT ACTION TAKEN BY THE BOARD IN THE CASE OF MANDARA JNANADAYNI SCHOOL, SHIMOGA, KARNATAKA.

The Committee considered the item and resolved to approve the action taken by the Chairman, CBSE. The Committee further expressed its view that the Board should put a list of such schools which have been served with a Show Cause Notice or issued warning for serious violation of the provisions of Affiliation/Examination Bye-Laws of the Board on its website. The Committee also desired that a dossier of action taken against all such schools may be maintained by the Board which will be used in dealing with any future issues related to the school.

# ITEM-17 TO CONSIDER THE REQUEST OF SANSKRITI...THE SCHOOL, SHIV SHANKAR MARG, NEAR MDS UNIVERSITY, AJMER, RAJASTHAN FOR UPGRADATION TO+2 STAGE FROM THE SESSION 2008-09.

The Committee considered the item and observed that the school was granted provisional affiliation upto Secondary level w.e.f. the academic session 2007-08 and was directed to disband Class IX but the school did not comply with the directions of the Board. Further, the Board has permitted its 29 students to appear at AISSE 2008 and the Board has also debarred the school for two years from applying for upgradation to +2 stage as an punitive action for committing the irregularities. Now the school has made the request to lift the two years ban which the Committee does not find justified and thus the Committee resolved to

decide to reject the request of the school to allow it to make application for upgradation.

### ITEM-18 TO REPORT ACTION TAKEN BY THE CHAIRMAN/SECRETARY REGARDING:

The Committee considered the following cases approved by the Chairman/Secretary and resolved to approve the action taken as per the list placed before the Committee.

a.	APPROVAL OF MIDDLE CLASS SYLLABUS.	07
b.	GRANT OF COMPOSITE PROVISIONAL AFFILIATION.	50
· c.	GRANT OF UPGRADATION TO +2 STAGE.	23
d.	WITHDRAWAL OF AFFILIATION/DOWNGRADING FROM SR. LEVEL TO SEC. LEVEL.	· 01
е.	SANCTION OF EXTENSION OF PROVISIONAL AFFILIATION.	158
f.	PERMISSION FOR INTRODUCTION OF ADDITIONAL SUBJECT (S)	161

The meeting then ended with a vote of thanks to the Chair.

Sd/-(VINEET JOSHI) SECRETARY

Sd/-(ASHOK GANGULY) CHAIRMAN MINUTES OF THE MEETING OF THE FINANCE COMMITTEE OF THE BOARD HELD IN THE CHAMBER OF THE CHAIRMAN, CBSE, 2, COMMUNITY CENTRE, PREET VIHAR, DELHI-110092 ON WEDNESDAY THE 26<sup>TH</sup> DECEMBER 2007 AT 3.00 P.M.

#### PRESENT:

1. Sh. Ashok Ganguly Chairman, CBSE, Delhi

In the Chair

2. Sh. S. C. Khuntia,
Joint Secretary (S.E.)
Deptt. Of School Education & Literacy,
Ministry of Human Resource Development
Shastri Bhawan, New Delhi-110001

Member

 Dr. Ashok Gupta, Principal India International School Jaipur

Member

Sh. Sanjay Kumar
 Desk Officer (IFD)
 Ministry of Human Resource Dev.
 Shastri Bhawan
 New Delhi-110001

As representative of JS & FA, Min. of HRD Govt. of India

 Sh. Vineet Joshi Secretary, CBSE Delhi

**Member Secretary** 

Sh. S. K. Ray, JS & FA, Ministry of Human Resource Development, Govt. of India could not attend the meeting and Shri Sanjay Kumar, Desk Officer (IFD) attended the meeting on his behalf.

Sh. Ajay Mishra, Sr. Accounts Officer, CBSE was also present.

#### ITEM I:

To consider the release of Leave Salary Contribution/Pension Contribution in respect of Shri C. D. Sharma, Former Education Officer (Voc.) CBSE Delhi to his parent department i.e. Andaman & Nicobar Administration, Directorate of Education, Port Blair

The Committee was of the opinion that the Board has availed the services of Shri C. D. Sharma, Former Education Officer (Voc) for the period 02.11.1997 to 31.07.2004 and therefore, may make payment of leave salary and pension contribution for the above period.

#### ITEM II:

To consider the constitution of Investment Committee and Board of Trustees for surplus and statutory funds respectively.

The Committee approved the constitution of Board of Trustees for vetting the proposals of investment from the statutory funds and the Investment Committee (for investment of surplus funds) with amendment that the member from the Finance Committee who has to be nominated for the Investment Committee of the Board shall have a tenure of three years and Secretary CBSE shall be the Chairman of the Investment Committee.

#### ITEM III:

To consider amendment in the CBSE's Recruitment Rules 1985 (Rule No. 15.9.3) for promotion of group 'D' employees to group 'C' post

The Committee approved the following amendment in the existing service Rules (Rule no. 15.9.1 and 15.9.3, CBSE Recruitment Rules 1985) for promotion of Group 'D' employees to Group 'C' post:

#### **Existing Recruitment Rule Approved Recruitment Rule** Essential Qualification: Essential Qualification: 10% of the vacancies in the cadre of 10% of the vacancies in the cadre of Junior Clerks in the Board are reserved Junior Clerks in the Board are reserved for being filled up by the Group 'D' for being filled up by the Group 'D' employee(s) of the Board (borne on employee(s) of the Board (borne on regular establishments) subject to the regular establishments) subject to the following conditions: following conditions: 1. Has passed Secondary School or 1. Has passed Senior Secondary its equivalent examination of a School its equivalent or legally recognized Board (Rule examination of legally 15.9.1). recognized Board (Rule 15.9.1). 2. Having at least five years of 2. Having at least five years of regular service in Group 'D' in the regular service in Group 'D' in the Board and Board and 3. Qualifies a written test and a type 3. Qualifies computer knowledge test or any other test that may be and speed test on computer or prescribed by the Board of any other test that may be appropriate prescribed by the Board of standard

appropriate

administered by the Board (Rule

standard

15.9.3).	administered by the Boar	ď
	(Rule 15.9.3).	

#### ITEM IV:

### To consider award of Financial Upgradation to Group 'A' and 'B' officers holding ex-cadre/isolated posts in the Board

The Committee discussed the issue in detail taking cognizance of the advise given by the Ministry of Human Resource Development vide their letter no. F.N 1-26/2007-Sch.3 dated 12<sup>th</sup> September 2007 and the minutes of the Committee headed by the Secretary, CBSE. After detailed deliberation the Committee approved the proposal with advise that the proposal of officers to be given financial upgradation under ACP Scheme may be sent to the Ministry supported with detailed background material in terms of classification of post as isolated and other relevant information.

#### ITEM V:

To report action taken with regard to release amount of Rs.17,392/- for hiring the taxi for official use at the residence of H'ble HRM.

The Committee approved the proposal.

#### ITEM VI:

### To consider Board's hospital rates with respect of Dental Treatment in lieu of CGHS ones

The members were of the opinion that an Expert Committee may be constituted on the pattern as has been decided for the empanelment of hospitals in the Finance Committee held on 15.11.2007 (Item no. XV). This Expert Committee may consist of specialists and others to suggest the rates for dental treatment under different heads as provided in the CGHS rate lists so that the Board can made payment accordingly. The Board may ensure that the Expert Committee may give its recommendation within one month and during the interregnum the employees of the Board may seek dental treatment in the two hospitals namely Tirath Ram Shah Charitable Hospital and Metro Hospital, who have given their concurrence to extent Dental Treatment facility to the Board's employees on CGHS rates.

#### ITEM VII:

#### To consider the proposal of change of nomenclature of the post of Senior Accounts Officer to that of Deputy Financial Advisor

The Desk Officer (IFD, MHRD) who was representing the JS & FA, MHRD apprised that IFD was of the opinion that the work associated with the post of Sr. Accounts Officer are normally related to accounts and are not involved in financial matters. Hence, the post may be re-designated in such a manner

that the core function is highlighted. To this the Secretary, CBSE clarified that the duties of Senior Accounts Officer in CBSE involves both accounts and financial matters especially at the Headquarters. The SAO is responsible for preparation and vetting of tender documents, preparation of Budget for the entire Board, submitting proposals for prudent investments at Headquarters as well as Regional Offices, keeping abreast the Board with latest financial rules and regulations, ensuring expenditure as per Budget, rendering advise on all financial matters of the Board at the Headquarters, internal audit of the Regional Offices of the Board, facilitating conduct of external audit and submitting appropriate replies to DGACR, Ministries and liaisoning with all the concerned departments and Ministries. The above is in addition to the routine accounts function. Further, there is already a post of Internal Auditor and Financial Advisor at Headquarters and the Senior Accounts Officer Headquarters works as deputy. Thus, changing the nomenclature would reflect a holistic job profile besides being a motivating factor for the incumbents in present and in-future also.

In view of above, the Committee approved the proposal of changing the nomenclature of the post of Senior Accounts Officer to that of Deputy Financial Advisor without any additional pay and allowance.

#### ITEM VIII:

To report action taken towards the deployment of security agencies through the Directorate General of Resettlement (DGR) as well as Exservicemen society/corporation undertaking agencies

The Committee approved the proposal with the condition that in addition to DGR sponsored agencies, only such ex-servicemen society/corporations/undertaking should be considered which are sponsored by the respective State Governments or are actually linked to the State Governments.

#### ITEM IX:

To consider the amendment in Recruitment Rules for the post of Education Officer

The members deliberated on the issue in detail and were of the opinion that instead of amending the recruitment rules, the absorption of exceptionally deserving candidates working on deputation may be considered on case to case basis as has been decided in the Finance Committee held on 15.11.2007.

#### ITEM X:

To consider reimbursement of medical claim of Rs.9500/- on account of indoor medical treatment in respect of Smt. Sheela Devi w/o Shri Ranjeet Singh, Gestetnor Operator, CBSE, Delhi in an unapproved hospital.

Considering the genuinety and fulfillment of procedural requirements as per CBSE Medical Attendants Rules, the Committee approved the proposal for

payment of Rs.9500/- incurred on treatment in an unapproved hospital (Sharda Orthopedic and Surgical Centre, Loni Road Shahdara).

#### Additional ITEM 1:

To consider amendment in provisions for the reimbursement of OPD treatment under prolonged disease cases and for Dental Treatment and revision of admissible amount for indoor treatment in respect of pensioner of the Board.

The Committee advised that this matter may also be referred to the same Committee which has been constituted for the purpose of Dental Treatment and empanelment of hospitals. The Committee suggested that Board may also explore options of a composite Medi-claim policy for all the employees of the Board including pensioners so as to curtail expenditure as well as bring rationality in extending of medical facilities.

#### Additional ITEM II:

### To consider extension of Newspaper Allowance to group 'C' employees of the Board

The Committee approved the proposal of extending Newspaper Allowance facility to group 'C' employees of the Board with a monthly ceiling of Rs.70/-per month out of which Rs.10/- per month is to be borne by the employee. The tentative financial implication would be Rs.30,720/- per month.

#### Additional ITEM III:

### To consider discontinuation of empanelment of Shanti Mukund Hospital, Vikas Marg Extension, Delhi beyond 05.02.2008

The members were apprised about the recent problems the Board faced especially in context of inflated bills and also the approval of the Finance Committee for the empanelment of two new hospitals in this area (Item No. XV, F.C. dated 15.11.2007). In view of above, the Committee approved the proposal of not extending the empanelment of Shanti Mukund Hospital beyond 05.02.2008.

#### Additional ITEM IV:

To consider enhancement of Professional Fees in respect of Shri Pankaj Chopra, Advocate for defending CBSE's case pending in Suit No. 148 of 2005 (Old no. 119/2003) V. K. Kapoor V/s CBSE in the court of Shri Sudhanshu Kaushik, Civil Judge, Karkardooma, Delhi.

The Committee was of the opinion that no separate rates should be extended on across the Board basis as similar demands may come from other quarters also. However, the Board may consider payment of appropriate remuneration commensurate to the work in case of exceptionally deserving cases after seeking approval of the Finance Committee on case to case basis.

#### Additional ITEM V:

### To consider providing transport facility to Head (Computer Centre)/IAFA at CBSE, Headquarter

The Committee approved the proposal of providing official transport facility to Head (Computer Centre) and Internal Auditor and Financial Advisor (IAFA) by hiring taxi as per prescribed procedure.

#### Additional ITEM VI:

### <u>To consider the revised estimate for the year 2007-08 and Budget Estimates for the year 2008-09</u>

The Committee approved the revised estimates (2007-08) and Budget estimates (2008-09).

#### Additional ITEM VII:

### To consider amendment in rules for extension of quarterly medical reimbursement facility to both husband and wife working in CBSE

The Committee was of the opinion that medical facilities are extended to the entire dependent members in the family and not only to individual employee. Thus, in case of both husband and wife being employee of the Board, either of them may prefer the claim for self and eligible members of their family according to his/her status. Therefore, the Committee did not approve the proposal of extending quarterly medical reimbursement facility to both husband and wife working in the CBSE.

#### Additional ITEM VIII:

# To consider revision of remuneration to inspectors for inspection of schools and revision of Affiliation Fees payable by schools for provisional affiliation/extension of affiliation etc. with the Board

The members were apprised that additional expenditure on account of enhanced honorarium, boarding and lodging charges and local conveyance would be around Rs.1.26 crores which shall be met from the additional revenue generated through increase in Affiliation Fees.

The revised/enhanced fees and remunerations are as under:

S.N.	Details of the Item	Existing	Rates	Approved	Rates
		(in Rs.)		(in Rs.)	<u></u>
01.	Fresh Provisional Affiliation	or			
	secondary classes (Class X)			-	
	(i) Independent School within the country	ols   10,000/-		20,000/-	
	(ii) Composite/switch ov from State Board to CBS up to Secondary level			30,000/-	
	(iii) Overseas independe schools	ent 25,000/-		50,000/-	

02.	Lingrade	ion to 12 stars	1	
02.		tion to +2 stage		Ĭ
1	(i)	Independent Schools	10,606/-	20,000/-
		within the country		
	(ii)	Composite/switch over	30,000/-	50,000/-
		from State Board to CBSE		1
		up to Sr. Secondary level		1
	(iii)	Overseas independent	25.000/-	50,000/-
	<u>]</u>	schools	• •	1
03.	Introducti	on of additional subjects		
	(i)	Independent schools within	1,000/-	2,000/-
	1	the country	1,000,	2,000/-
1	(ii)	Overseas independent	2,000/-	6,000/-
	1 '	schools	2,000	0,000/-
1				į į
04.	Hoporariu	m to Inspection Committee	800/-	1500/-
"	members	in to anspection containtee	000r-	1 (500/-
05.	Local Con	Weyanaa	Do 3/ nontre	5-61
00.	Local Con	rveyance	Rs.3/- per km.	Rs.8/- per km.
				subject to
1 1				maximum of
		•		Rs.500/- per day
] ]				(whichever is less)
				up to maximum
-			<u></u>	two days
06.	Boarding a	& Lodging charges including	Hotel D.A./	Rs.1250/-
	D.A.	'	ordinary D.A. as	(maximum) per
] [			per TA/DA rules	night stay for a
			of Govt. of India	maximum of two
			:	days in A-1 and A
				Class cities and
		}	,	Rs.1000/-
				(maximum) per
		į		night stay for a
1		,		maximum of two
				L
1		i		days in other class

The enhancement in honorarium, boarding charges etc. was essential to curtail the practice/obligation extended by schools to the inspection teams on account of meager allowances and also to bring more impartiality, objectivity and fairness in the inspection reports.

The Committee approved the proposal.

Sd/-(VINEET JOSHI) SECRETARY

Sd/-(ASHOK GANGULY) CHAIRMAN