

Series SMA

Code No. 181

Roll No.

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Candidates must write the Code on the title page of the answer-book.

- Please check that this question paper contains 4 printed pages.
- Code number given on the right hand side of the question paper should be written on the title page of the answer-book by the candidate.
- Please check that this question paper contains 8 questions.
- **Please write down the Serial Number of the question before attempting it.**
- 15 minutes time has been allotted to read this question paper. The question paper will be distributed at 10.15 a.m. From 10.15 a.m. to 10.30 a.m., the students will read the question paper only and will not write any answer on the answer-book during this period.

DTP, CAD AND MULTIMEDIA (Theory)

Time allowed : 3 hours

Maximum Marks : 40

Note : *All questions are compulsory.*

1. Fill in the blanks :

5

- _____ attribute is used to give background colour to entire web page.
- MPEG stands for _____ .
- Extension of a PowerPoint presentation is _____ .
- HTML is used to create _____ .
- Adobe Premier is used for _____ .

2. Multiple choice questions :

5

- (i) Which of the following is a Search Engine ?
- (a) Google
 - (b) MS Word
 - (c) AutoCAD
 - (d) All of the above
- (ii) _____ is used for sound editing.
- (a) Sound Forge
 - (b) Fruity Loops
 - (c) Media Player
 - (d) None of the above
- (iii) Following package is used for Engineering Drawing :
- (a) Paint
 - (b) AutoCAD
 - (c) HTML
 - (d) None of the above
- (iv) Which of the following packages is used for website development ?
- (a) Dreamweaver
 - (b) Front Page
 - (c) MiniCAD
 - (d) Sound Forge
- (v) Isometric Drawing is used in
- (a) Powerpoint
 - (b) Word
 - (c) AutoCAD
 - (d) None of the above

3. Expand the following : 3
- (i) DTP
 - (ii) FTP
 - (iii) CAD
4. Answer the following : 6
- (i) What is the role of a search engine ?
 - (ii) What is meant by rendering in 3D animation ?
 - (iii) Define Morphing.
 - (iv) Name two sound file formats.
 - (v) How are filters useful in digital video editing ?
 - (vi) What is sampling rate in audio digitization ?
5. Give output of the following HTML code : 4
- (i)

```
<HTML>
<HEAD><TITLE></TITLE></HEAD>
<BODY>
<H1>Operating Systems</H1>
<OL>
<LI>MS Windows
<LI>Linux
<LI>Unix
</OL>
</BODY>
</HTML>
```
 - (ii)

```
<HTML>
<HEAD><TITLE></TITLE></HEAD>
<BODY>
<p> This is chemistry class. H<sub>2</sub>SO<sub>4</sub> is
Sulphuric Acid.</p>
</BODY>
</HTML>
```

6. Write HTML code to generate the following output :

3

School Blocks

I Senior Block

II Junior Block

III Primary Block

- Swimming Pool

- Science Lab

IV Nursery Block

- Sand Pit

- Water Splash

NOTE :

(i) Heading of page is red

(ii) Points in Roman are blue

7. Write HTML code to generate the following output :

4

ENTER YOUR DETAILS

User Login ID

Password

NOTE :

- Heading is blue

- Text is red

- Page title is 'user-data'

8. Answer the following :

10

(i) Write the difference between MPEG and AVI formats.

(ii) How are sound and video added to Powerpoint presentations ?

(iii) What is meant by animation ?

(iv) Differentiate between mono and stereo sound.

(v) Define hyperlinking.