| Series SOS | Code No. **181** |

Roll No. ☐☐☐☐☐☐☐

- 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 script 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

    (i)   _____ is a sound editing tool.

    (ii)   .wav extension is for _____ files.

    (iii)   JPEG stands for _____ .

    (iv)   _____ tag is used to put superscripts in HTML file.

    (v)   Powerpoint is used to create _____ .

2. Multiple choice questions : 5

   (i)   Which of the following is a Search Engine ?

       (a)   Google

       (b)   MS Word

       (c)   Auto CAD

       (d)   All of the above

   (ii)   Adobe Premiere is used for

       (a)   Sound editing

       (b)   Video editing

       (c)   Presentations

       (d)   None of the above

  (iii)   Which of the following is part of multimedia ?

       (a)   Sound

       (b)   Video

       (c)   Movies

       (d)   All of the above

   (iv)   Digitising audio requires

       (a)   sampling of audio

       (b)   video input

       (c)   text file

       (d)   None of the above

   (v)   Following is the type of list in HTML :

       (a)   Ordered list

       (b)   Unordered list

       (c)   Definition list

       (d)   All of the above

3. Expand the following :   *3*

    (i)   WWW

    (ii)   GIF

    (iii) PNG

4. Answer the following :   *6*

    (i)   What is meant by rendering in 3D animation ?

    (ii)   Define Morphing.

    (iii) What is cropping ?

    (iv) What is Slide Sorter View ?

    (v)   Define Frame Rate and Resolution with reference to digital video editing.

    (vi) What is the expanded form of GUI ?

5. Write the output of following HTML code :   *4*

    (i)

```
<html>
<body>
<u> This is<sup>multi</sup><sub>media</sub></u>
</body>
</html>
```

    (ii)

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

6. Write the HTML code to show the following output :   *3*

Application Area

- E-Commerce
    1. Encryptions
    2. Digital Signatures
- Factory Automation
    1. CAD/CAM
    2. CNC/FMS

7. Write the HTML code to show the following output :   *4*

Enter Your Details

Name   [   ]

School   [   ]

Address   [   ]

- Heading is of red colour and in Arial Bold
- Title of page is "details"

8. Answer the following questions :   *10*

(i)   How can we add sound and video to presentation ?

(ii)   What is a webpage and a website ?

(iii)   Define sampling rate.

(iv)   Define search engine. Give example.

(v)   Write the difference between vector and bitmap graphics.