Roll No. ☐☐☐☐☐☐☐

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 minute 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*

Instructions :   ***All*** *questions are compulsory.*

1.   Fill in the blanks :   *5*

(i)   Extension of drawing file is _____.

(ii)   _____ is multimedia presentation tool.

(iii)   HTML is used to create _____.

(iv)   _____ attribute is used to give background colour to the entire web page.

(v)   CAD stands for _____.

2. Multiple Choice Questions. *5*

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

         (a)   Google

         (b)   WORD

         (c)   AutoCAD

         (d)   All of the above

    (ii)   Marquee tag is used in

         (a)   HTTP

         (b)   CAD

         (c)   HTML

         (d)   None of the above

    (iii)   Which of the following are video file formats ?

         (a)   PPT

         (b)   SWF

         (c)   MP3

         (d)   None of the above

    (iv)   Digitizing audio requires

         (a)   Sampling of audio

         (b)   Video input

         (c)   Text file

         (d)   None of the above

    (v)   _____ is used for sound editing.

         (a)   Sound Forge

         (b)   FruityLoops (FL Studio)

         (c)   Media Player

         (d)   None of the above

3. Expand the following :   *3*

    (i)   HTML

    (ii)   CAD

    (iii)   MIDI

4. Answer the following :   *6*

    (i)   List the various applications of CAD software.

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

    (iii)   Define Morphing.

    (iv)   Name any 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>Application Softwares</H1>
<OL type= "A" start=5>
<LI>MS Word
<LI>Autocad
<LI>Corel Draw
</OL>
</BODY>
</HTML>
```

    (ii)

```
<HTML>
<HEAD><TITLE></TITLE></HEAD>
<body>
<u> This is<sup>exam</sup><sub>time</sub></u>
</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
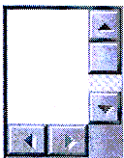
NOTE :
(i)   Heading of the page is red
(ii)   Points in Roman are blue

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

ENTER YOUR DETAILS

Enter your name ☐

Enter your remarks here

NOTE :

- Heading is red
- Text is orange
- Page title is 'identification'

8. Answer the following : *10*

(i)   Write the difference between vector and bitmap graphics.
(ii)   Write the steps involved in building Movie using 3D animation tool.
(iii) Differentiate between mono and stereo sound.
(iv) Define Search Engine. Name any two search engines.
(v)   Define filters with reference to video editing tool.