4 SEM TDC CAPN (CBCS) DSC 4

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(May/June)

COMPUTER APPLICATION

(Discipline Specific Course)

Paper : DSC–4

(Multimedia Systems and Applications)

Full Marks : 53
Pass Marks : 21

Time : 3 hours

The figures in the margin indicate full marks
for the questions

1. Answer the following questions :   1×10=10

   (a) What is multimedia system?

   (b) What are TrueType fonts?

   (c) What is the full form of ASCII?

   (d) What is stereo sound?

   (e) What is Clip art?

(f) What is resolution of an image?

(g) What is morphing?

(h) What is web server?

(i) What is SVCD?

(j) What is hypermedia?

2. Answer any *six* of the following :   3×6=18

(a) What are serif and sans serif typefaces? Give example.

(b) Write any advantages of Midi files.

(c) Differentiate between Analog and Digital sound.

(d) How do DVDs differ from CDs?

(e) Write about three font-editing and creation software applications.

(f) Write the stages of multimedia application development.

(g) What is linear and non-linear multimedia? Explain with example.

3. Answer any *five* of the following :   5×5=25

(a) Describe various attributes of image and explain vector and raster graphics with example.

(b) Write the scope of multimedia in various fields.

(c) What is animation? Explain 2D and 3D animations with example.

(d) Explain different types of multimedia authoring tool.

(e) What are the different compression techniques for video? Explain.

(f) What hardware components do you need to develop a multimedia project?

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