

**BACHELOR IN INFORMATION
TECHNOLOGY (BIT)**

Term-End Examination

December, 2010

520007

**CSM-01 : COMPUTER APPLICATIONS IN
ART AND DESIGN**

Time : 2 hours

Maximum Marks : 60

Note : All questions from Section - A are compulsory. Answer any two questions from Section - B. All objective questions carry one mark each.

SECTION - A

1. ASCII assigns a number to : 1
 - (a) 127 different characters
 - (b) 128 different characters
 - (c) 255 different characters
 - (d) 256 different characters

2. Following software is used for 3D animation. 1
 - (a) Photoshop (b) Illustrator
 - (c) Maya (d) Flash

3. SVG stands for : 1
 - (a) Scalable Vector Graphics
 - (b) Scalable Visual Graphics
 - (c) Scalable Video Graphics
 - (d) Scalable Vertex Graphics

4. In the HSB color model, Green is specified at : 1
(a) 120° (b) 180°
(c) 280° (d) 300°
5. Which of the following is not the sub-system of VGA ? 1
(a) Graphic Controller
(b) Display Memory
(c) Sequencer
(d) Atomizer
6. The series of frames in between the key frames drawn in a process is called, 1
(a) Modulation (b) Interlacing
(c) Decoding (d) Tweening
7. CMYK stands for : 1
(a) Cyan - Magenta - Yellow - Black
(b) Cyan - Magenta - Yellow - Blue
(c) Cyan - Magenta - Yellow - Kite
(d) Cyan - Magenta - Yellow - Back
8. Morphing is : 1
(a) Cropping the image
(b) Transformation of one image into another
(c) Duplicating the image
(d) Changing the file format of the image

9. Which one is not amongst the most common palettes ? 1

- (a) 8 (b) 16 (c) 32 (d) 24

10. Which one of the following is not a valid color model ? 1

- (a) RGB (b) CMYK
(c) Pantone (d) Octone

11. ABC Garment company wants to offer latest designs and clothing to its customer and now they want to prepare an online catalogue for their clients. Assume you have been appointed as a multimedia advisor to the company. Keeping the above requirement in mind, design the online catalogue for this purpose.

(i) List 5 main tasks to be completed for design of the online catalogue. 8

(ii) Specify different drawing and painting software that can be used for the given task and list some of the important characteristics of the software. 5

(iii) Using PERT chart and Gantt chart show time taken to complete all activities and also highlight parallel activities if any. 7

SECTION - B

1. (a) What are annotations ? Explain the role of annotations in the applications of hypertext with an example. 5
 - (b) Explain the features of various font editing and design tools. 5
 - (c) Describe the functioning and important features of a digital camera. 5

 2. (a) What is authoring software ? Explain the features of authoring software. 10
 - (b) What is SVG ? Explain its advantages 5

 3. (a) Explain the different sound file formats. How are they different from each other ? 6
 - (b) Explain the following color model : 3x3=9
 - (i) HSB Color Model
 - (ii) HSV Color Model
 - (iii) RGB Color Model
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