BACHELOR OF INFORMATION TECHNOLOGY (BIT)

00524

Term-End Examination
June, 2010

CSM-01 : COMPUTER APPLICATIONS IN ART & 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. The device which allows users to directly activate data by touching the screen is :   1

   (a) stylus

   (b) mouse

   (c) digitizer

   (d) touch screen

3. Translating or designing multimedia into a language other than the one in which it was originally written, is called :   **1**

(a) Prototyping

(b) Globalization

(c) Localization

(d) Morphing

4. Which is not a Standard Compression Format for image files ?   **1**

(a) PCX

(b) TIF

(c) BMP

(d) VOC

5. UNICODE character set consists of :   **1**

(a) 10 bit

(b) 16 bit

(c) 24 bit

(d) 32 bit

6. In HSB and HSL color is specified as an angle between :   **1**

(a) 0 to 90°

(b) 0 to 180°

(c) 0 to 270°

(d) 0 to 360°

7. A lightness of 100% will yield : 1

   (a) White colour

   (b) Red

   (c) Green

   (d) None of the above

8. HSB Model stands for : 1

   (a) Hue, Saturation and Brightness

   (b) Height, Space and Breadth

   (c) Hinderance, Saturation and Brightness

   (d) Hue, Stillness and Brightness

9. Which one is a typical method for word searching in hypermedia system ? 1

   (a) Categorical

   (b) Alternates

   (c) Truncation

   (d) All of the above

10. Removing unwanted areas from a photographic or illustrated image is called : 1

    (a) chopping

    (b) slashing

    (c) cropping

    (d) smearing

11. XYZ Animation institute wants to launch courses for the various students of the world and now they want to prepare a brochure including prospectus for various courses organized by them. Assume you have been appointed as a multimedia advisor to the company. Keeping the above requirement in mind, design the double fold brochure for this purpose.

(a) List 5 main tasks to be completed for design of the brochure. 8

(b) 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

(c) 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) Explain different features of Adobe **10** illustrator. Discuss various kind of effects which can be applied on a given image using this tool.

   (b) What is multimedia ? Explain at least five **5** applications of multimedia in e-learning.

2. (a) What is a multimedia component ? Explain **10** any four components (except video) of multimedia with an example of each.

   (b) What is a sound cord ? Explain the process **5** of a sound cord with suitable illustration.

3. (a) Explain the need for planning a multimedia **10** application. Explain the need for logic flow chart for development of interactive multi-media application with an example.

   (b) Explain any five rules to be used in designing **5** the computer based instructional materials.