

**Bachelor in Information Technology (BIT)****Term-End Examination****June, 2007****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 type questions carry one mark each.*

---

**SECTION A**

1. The ASCII character set is 1
  - (a) 32 bit
  - (b) 31 bit
  - (c) 30 bit
  - (d) None of the above
  
2. The effect in which one image transforms into another is called 1
  - (a) Alpha release
  - (b) Testing
  - (c) Morphing
  - (d) Compression
  
3. CLUT stands for 1
  - (a) Clear Look Up Tables
  - (b) Colour Look Up Tables
  - (c) Colour Look Up Templates
  - (d) Clear Look Up Templates
  
4. Which is not a standard compression format for image files ? 1
  - (a) PCX
  - (b) TIF
  - (c) BMP
  - (d) VOC

5. Which one is not amongst the most common palettes ? 1
- (a) 8
  - (b) 16
  - (c) 32
  - (d) 24
6. The RGB value is to be \_\_\_\_\_, in order to reduce the brightness. 1
- (a) reduced
  - (b) kept constant
  - (c) increased
  - (d) None of the above
7. 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
8. The resolution of VGA Monitor is 1
- (a)  $620 \times 420$
  - (b)  $660 \times 460$
  - (c)  $640 \times 440$
  - (d)  $680 \times 480$
9. In HSB colour model, green is specified at 1
- (a)  $120^\circ$
  - (b)  $180^\circ$
  - (c)  $240^\circ$
  - (d)  $300^\circ$
10. Which one of the following is *not* a computer colour model ? 1
- (a) RGB
  - (b) HSB
  - (c) HSL
  - (d) HLS

11. Explain the features of various sound file formats. 5
12. Explain the fundamentals of colour and natural light. 5
13. Differentiate between hypertext and hypermedia. 5
14. State true or false. 5
- (a) HSL model is not supported by DD computer.
  - (b) Printers digitize images by translating them into bit-maps.
  - (c) .wav is an extension of image file.
  - (d) .PNF is an extension of sound file.
  - (e) For higher resolution, less storage space is required.

## SECTION B

*Answer any two questions from this section.*

15. (a) Explain the features of various font editing and design tools. 7  
(b) Differentiate between the following : 8  
(i) ASCII & UNICODE  
(ii) Vector Graphics & Bit-Mapped Graphics
16. (a) Describe the functioning and important features of a digital camera. 5  
(b) What are Computerized Colour Models ? How do these models represent colour ? 5  
(c) What are important features of image editing tool ? 5
17. (a) Explain the following concepts : 8  
(i) Resampling  
(ii) Crop  
(iii) Contrast  
(iv) Smear
- (b) List the software tool which can be used for the layout of the IGNOU Prospectus. Describe the important features of this S/W package. What features of S/W packages like Photoshop can be used to combine image and graphics in the Prospectus ? 7