

Bachelor in Information Technology (BIT)

Term-End Examination

December, 2007

CSM-04 : MULTIMEDIA, DESIGN AND WEB AUTHORING

Time : 3 Hours

Maximum Marks : 75

Note : All the questions from Section A are **compulsory**. Answer any **three** questions from Section B. All objective type questions carry one mark each.

SECTION A

1. What allows multiple users to simultaneously view and create electronic documents ? 1
(a) White Board
(b) Digital Tablet
(c) Virtual Reality
(d) None of the above
2. PNG stands for 1
(a) Portable Network Graphic
(b) Preview Network Graphic
(c) Printable Network Graphic
(d) Placed New Graphic
3. Elaboration of NTFS (a computer file system) is 1
(a) Non-Transfer File System
(b) New Trend File System
(c) Network Transfer File System
(d) None of the above
4. Symbols in the flash are of the following types : 1
(a) Movie and Graphic
(b) Graphic and Button
(c) Movie
(d) All of the above

5. In Macromedia Director, number of frames can be increased or decreased in 1
- (a) Paint window
 - (b) Video window
 - (c) Score window
 - (d) Cast window
6. Scripting language used in Macromedia Director is 1
- (a) Lingo script
 - (b) Java script
 - (c) Action script
 - (d) Visual Basic script
7. In Macromedia Flash Shape Hint is used for 1
- (a) Break apart a bitmap image
 - (b) Morphing an object
 - (c) Moving a symbol
 - (d) None of the above
8. Video editing software is 1
- (a) Adobe Acrobat
 - (b) Adobe Premier
 - (c) Adobe Pagemaker
 - (d) None of the above
9. CMYK colour model is used for 1
- (a) Printing
 - (b) Website
 - (c) Computer presentation
 - (d) All of the above
10. Non-Editable (Protected) file of Macromedia Director has extension 1
- (a) .dis
 - (b) .swf
 - (c) .rtf
 - (d) .dxr

11. (a) Compare and contrast the process of developing an educational multimedia CD. 5
- (b) Compare the advantages and disadvantages of developing an e-learning multimedia package and e-book. 5
- (c) Define Resolution. Explain the variation in resolution while developing a CBT, web-based training programme (WBT) and brochure for printing. 10

SECTION B

Answer any **three** questions from this section.

12. Explain the following basic principles in developing a multimedia project :
- (a) Planning and Design 5
 - (b) Production 5
 - (c) Distribution 5
13. Explain various compression and decompression schemes used for the following multimedia elements in multimedia development process : 15
- (a) Graphics
 - (b) Audio
 - (c) Video
14. (a) Explain different types of authoring systems. 6
- (b) Explain main features of authoring systems. 3
- (c) Explain any three authoring tools in detail. 6
15. Explain the following terms : 3×5=15
- (a) Video streaming
 - (b) RGB colour model
 - (c) Run length encoding
 - (d) Visual coding
 - (e) Laser disc