

Total No. of Printed Pages:2

SUBJECT CODE NO:- H-352
FACULTY OF SCIENCE AND TECHNOLOGY
T.E. (IT) (Sem-I)
Multimedia computing
[OLD]

[Time: Three Hours]

[Max.Marks:80]

Please check whether you have got the right question paper.

N.B

1. Q.no.1 and Q.no.6 is compulsory
2. Attempt any two questions from the remaining from each section
3. Assume suitable data if necessary

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| Q.1 | Solve any five | 10 |
| | a) List the techniques used for text compression? b) What is meant by font? Differentiate between bitmap fonts and vector fonts? c) What is difference between raster and vector graphics? d) What is meant by aspect ratio of a monitor? e) What is virtual reality? f) What is the necessity of image indexing g) Explain concept of video | |
| Q.2 | a) What are various steps for creating multimedia presentation? Explain any 3 steps in detail b) What is multimedia presentation? Explain uses of multimedia. | 08 07 |
| Q.3 | a) What is a color model? Explain RGB color model. b) Explain the various principles of animation? | 08 07 |
| Q.4 | a) Explain in brief MIDI specification b) Explain in detail microphone with its types. | 08 07 |
| Q.5 | a) Discuss major video file formats b) Describe Huffman coding with example. | 08 07 |

Section – B

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| Q.6 | Solve any five | 10 |
| | a) List the techniques used for text compression. b) What is meant by Anti – aliasing and dithering? c) Enlist the limitation of CD-R d) What is DVD- RAM ? e) What is video –on- demand? f) What do you meant by multimedia over wireless network? | |

- g) What is interactive TV?
- Q.7 a) Explain in brief the various parts of the MPEG- 4 standards? 08
b) Explain in brief the various steps in the MPEG compression standards. 07
- Q.8 a) Explain H.261 & H.263 video file formats in detail 08
b) Describe technical basics of digital versatile disc with diagrams. 07
- Q.9 a) Differentiate between CD & DVD. 08
b) Explain various modes of CD- ROM 07
- Q.10 a) Explain various trends in wireless interactive multimedia 08
b) Components of multimedia network communication technique 07