

M.E. Second Semester (Computer Science & Information Technology) (New-CGS)
13195 : Elective-II : Digital Media Development : 2 RNME 5

P. Pages :2

Time : Three Hours



AX - 3612

Max. Marks : 80

- Notes :
1. Due credit will be given to neatness and adequate dimensions.
 2. Assume suitable data wherever necessary.
 3. Illustrate your answer necessary with the help of neat sketches.
 4. Use of pen Blue/Black ink/refill only for writing the answer book.

1. a) What are the objects of multimedia systems? Explain with image hierarchy. 7
- b) What are the requirements for full motion video compression. 7

OR

2. a) What are the benefits offered by compression schemes in designing multimedia system. 7
- b) What is binary image compression? Explain different schemes. 7
3. a) Compare and contrast the RTF, TIFF and RIFF file formats. 6
- b) Explain full motion video. 7

OR

4. a) Explain MPEG standards in detail. 7
- b) Explain different voice recognition systems. 6
5. a) What is Virtual reality modeling? Explain. 6
- b) Explain different components of multimedia systems. 7

OR

6. a) What are the different application design issues? Explain. 7
- b) Explain multimedia communication protocol in detail. 6
7. a) Explain the design issues for multimedia authoring. 7
- b) Explain Hypermedia messaging with applications. 6

OR

8. a) What are the modeling primitives for structuring information? 7
- b) Explain integrated document management. 6

9. a) What is multimedia object server? Explain. 7
b) Discuss distributed multimedia system in detail. 6

OR

10. a) Explain Network Performance issues. 6
b) What are the components of distributed multimedia system? Explain. 7
11. a) What are the impact of performance issues on design. Explain them. 7
b) What are the essential multimedia system design steps? Explain. 7

OR

12. a) Explain various system design issues. 7
b) Describe in detail system Extensibility. 7
