

P. Pages : 1

Time : Three Hours



AW - 3883

Max. Marks : 80

- Notes :
1. Due credit will be given to neatness and adequate dimensions.
 2. Assume suitable data wherever necessary.
 3. Retain the construction lines.
 4. Illustrate your answer necessary with the help of neat sketches.

1. a) Discuss network architecture for multimedia system. 8
b) Discuss evolving technologies for multimedia system. 6

OR

2. a) Explain the key differences between lossless and lossy compression. 7
b) Explain all data element for multimedia system. 7
3. a) How does video animation differ from foul motion video. 7
b) What are the resolution required for various standards in operation today. 6

OR

4. Discuss all data & file format standards in brief. 13

5. a) Explain what we mean by workflow in multimedia application. 6
b) What are the advantages and disadvantages of multifunction multimedia board. 7

OR

6. a) Discuss two distributed object model. 6
b) Explain all components of multimedia system. 7

7. a) How does the telephone metaphor differ from the VLR metaphor for voice capture? 7
b) Describe the directory structure for your email system. 6

OR

8. a) Explain integrated document management. 6
b) How is video frame interleaving performed in an AVI file? How are frames throttled if the network is falling behind. 7

9. Explain the role of each type of server required in a multimedia system and the type of storage media that should be used for it. 14

OR

10. a) Discuss optimizing object storage. 7
b) Explain all modes of data base replications. 7

11. a) Discuss designing the storage distribution. 6
b) Explain the role of clients & brokers. 7

OR

12. Discuss the requirements of business model and business information model for IFC. 13
