

(Time: 3 hours)

[Total Marks: 75]

Please check that you have got the correct question paper.

- N. B.: (1) All questions are compulsory.
 (2) Make suitable assumptions wherever necessary and state the assumptions made.
 (3) Answers to the same question must be written together.
 (4) Numbers to the right indicate marks.
 (5) Draw neat labeled diagrams wherever necessary.
 (6) Use of Non-programmable calculators is allowed.

SECTION – I

1.
 - a. Explain Multimedia, Contiguous Media and Hypermedia. 7
 - b. Explain the time varying aspects of multimedia. 6
- OR
1.
 - a. Explain Subtractive and additive color mixing. 7
 - b. Explain compression techniques with the help of neat block diagram. 6
2.
 - a. Write a short note on QOS. 7
 - b. List and explain barriers to the widespread use and success of authoring and presentationsystem. 6
- OR
2.
 - a. Write a short note on the BISDN referencemodel. 7
 - b. Write a short note onQMFformat. 6
3.
 - a. Explain HDTV, ATV and EDTV. 6
 - b. Explain speech production, perception and synthesis. 6
- OR
3.
 - a. Define color fringing, jitter and flag waving. 6
 - b. Write a short note on common intermediate format. 6

SECTION II

4.
 - a. Write a source code in Java to demonstrate package. 7
 - b. What is Exception? Explain any six Exception Classes. 6
- OR**
4.
 - a. What is Applet? Give comparison between applet and applications. 7
 - b. Write a program in Java to copy contents of one file to another. 6
5.
 - a. What is interface? Compare interface and class. 6
 - b. Explain how Vectors are different from Array. 6
- OR**
5.
 - a. Explain MIB in detail. 6
 - b. Write short note on Serialization. 6
6.
 - a. Explain the servlet life cycle in details. 6
 - b. Write a short note on CORBA. 6
- OR**
6.
 - a. Write short note on Enterprise Java Beans. 6
 - b. Explain Sessions in Servlet. 6