





12. a) Using a block representation explain DPCM compare it with PCM technique.

(OR)

b) With a neat diagram explain MPEG-4 and its Synchronization and delivery of streaming data.

13. a) State the following :

- i) Source encoders and destination decoders
- ii) Lossless and Lossy compression techniques
- iii) Entropy Encoding
- iv) Source Encoding.

(4×4=16)

(OR)

b) Explain Lempel Ziv Welsh Compression with necessary example and its disadvantages.

14. a) In detail explain about the various challenges and issues involved in VOIP and its application.

(OR)

b) i) Explain H.323 system for call establishment purpose in detail. (8)

ii) Analyse the fast connect procedure of H.323 with necessary diagrams. (8)

15. a) i) Discuss about various RTCP packet types. (8)

ii) What does a RTCP packet types carry ? Explain in detail. (8)

(OR)

b) Identify the limitations of best effort services in making multimedia networking. Explain in detail.