

6. Compression Technique used in Audio is CO3- R
 (a) Differential Encoding (b) Transformation Encoding
 (c) Entropy Coding (d) Differential & Transformation Encoding
7. Without losing quality, JPEG-2000 can achieve compression ratios of CO4- R
 (a) 2:1 (b) 200:1
 (c) 2000:1 (d) 20:1
8. The best visual compression quality is achieved using CO4- R
 (a) Fourier transform (b) Wavelets
 (c) DCT (d) Dolby
9. The MPEG-II was designed for high quality/DVD with a data CO5- R
 rate of
 (a) 3 to 6 Mbps (b) 4 to 6 Mbps (c) 5 to 6 Mbps (d) 6Mbps
10. Packet radio refers to CO5- R
 (a) . Multiple users on single channel
 (b) Single user on multiple channels as per demand
 (c) Multiple users on multiple channels at different time slots
 (d) Multiple users with coding techniques

PART – B (3 x 8= 24 Marks)

(Answer any three of the following questions)

11. What are components of multimedia? Explain the components CO1- U (8)
 in detail.
12. Explain in detail about text compression techniques CO2- U (8)
13. Express the perception parameters and associated vocal tract CO3- U (8)
 excitation parameters that are used for speech compression.
14. Explain the application of sub band coding to image CO4- U (8)
 compression.
15. Explain in detail about packet video. CO5- U (8)