

N.B. : (1) Question No. 1 is compulsory.

(2) Attempt any three questions out of remaining five questions.

- Q.1 (a) Explain VERML in brief. (05)
(b) Compare Midrise and midthread quantizer. (05)
(c) Explain motion compensation. (05)
(d) What is media abstraction? Explain briefly. (05)
- Q.2 (a) List and explain various color models used in Images and Videos. (10)
(b) Draw neat labeled diagram for a Decoder and Encoder of H.261 and explain its working in details (10)
- Q.3 (a) With the help of block diagram explain Baseline JPEG compression in details (10)
(b) Explain Object based visual coding and video bit stream in MPEG-4. (10)
- Q.4 (a) Compare between RIFF and TIFF file formats. (10)
(b) Explain in detail Hypermedia messaging concepts used in MMS. (10)
- Q. 5 (a) Explain Similarity based image retrieval in image databases. (10)
(b) Explain Global Information infrastructure function model. (10)
- Q. 6 Write short notes on (Any Four) (20)
i) IETF Multimedia internet standards
ii) Adaptive Huffman coding
iii) Descriptors in MPEG-4
iv) TV trees in text databases
v) Query Language
vi) Multimedia over Wireless Networks.
