DF-1464
M. Sc. (CA) (Sem. III) Examination
March/April – 2016
Paper - 305 : Multimedia Systems
(Old & New Course)

Time : 3 Hours] [Total Marks : 70

Instruction :

Q. 1. Do as directed. [14]
   (i) Give any four file format that support video.
   (ii) Define multimedia.
   (iii) Explain I-frame and B-frame.
   (iv) Write note on image compression.
   (v) Explain Sprite animation.
   (vi) List any four Bitmap file formats.
   (vii) List various Distributed multimedia applications.

Q. 2. Write note on the following. (Any two) [14]
   (i) Vector graphics.
   (ii) Transformations
   (iii) Filters

Q. 3. Attempt following. (Any two) [14]
   (i) What is digitization? Write advantages of digitization
   (ii) Explain various multimedia data compression techniques.
   (iii) Write note on various video standards.

Q. 4. Answer in detail. (Any two) [14]
   (i) Write note on “Captured animation and image sequences”.
   (ii) Write concept of Distributed Multimedia server.
   (iii) Explain concept of “Combining sound and picture”.

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Q. 5. Answer in detail. (Any two) [14]
   (i) Write note on file formats.
   (ii) Explain following terminology: Key frame, frame, frame rate, compression, and compression ratio.
   (iii) Explain different type of sound compression.