

DF-1464

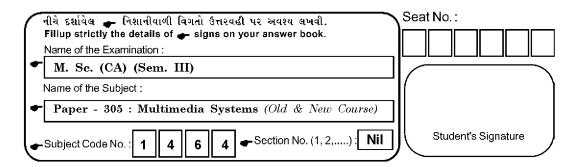
M. Sc. (CA) (Sem. III) Examination March/April - 2016

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".

1

- (ii) Write concept of Distributed Multimedia server.
- (iii) Explain concept of "Combining sound and picture".

DF-1464]

[Contd...

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.