

QP Code : 8155

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T.MARKS-100

(3 Hours)

N.B. : (1) Question No.01 is compulsory.

(2) Attempt any **Four** Questions from the remaining **Five** questions.

(3) Assume suitable data wherever required.

- Q.No.01 a. What is multimedia? Draw and explain the workstation based architecture for multimedia systems. 10
 b. Explain in detail MIDI Communication protocol. 10
- Q.No.02 a. Explain MPEG-1 Compression in detail. 10
 b. List and explain different types of Image Scanners. 10
- Q.No.03 a. Differentiate between TIFF and RIFF file format 05
 b. Explain the terms Scaling, Cropping and Rotation in Image Manipulation. 05
 c. Explain in detail RIFF DIBS file format. 10
- Q.No.04 a. Explain Virtual Reality Design Considerations. 10
 b. What is An Authoring System? Explain different types of Authoring System. 10
- Q.No.05 a. What are the Components of Multimedia System? 10
 b. Explain Audio Compression in detail . 10
- Q.No.06 a. Draw and explain workflow for Video Messaging and Video Conferencing. 10
 b. Explain different Scheduling and policing Strategies in Multimedia Networking. 10
- Q.No.07 Write Short notes on **any Two** of the following 20
 a. Multimedia Animation
 b. Digital Camera
 c. JPEG Compression
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RJ-Con. 10521-15.