

MARWARI COLLEGE RANCHI

Subject: Multimedia & Animation

Full Marks : 30

Paper : XXIII

Time : 1Hr.

MCA SEMESTER 4

Mid semester examination 2018

Group – A

Answer any **FIVE** the questions:

1 x 5 = 5

- a) MPEG-1
- b) MPEG-4
- c) Hypermedia Documents
- d) Fuzzy logic
- e) Digital Signal Processing
- f) Non-visible images
- g) Abstract images

Group – B

Answer any **FIVE** questions:

5 x 5 = 25

1. Explain the role of Information System in Multimedia with example.
2. Explain Multimedia System Architecture.
3. Why data compression is needed? What are the types of Data Compression? Write the advantage and disadvantage.
4. Explain advantage of lossless data compression over lossy data compression?
5. Explain Text Compression.
6. Explain Audio Compression.
7. Explain Video Compression.