

Roll No.

24166

B. Tech 4th Sem. IT,

Examination - May, 2012

MULTIMEDIA TECHNOLOGIES

Paper : IT – 204 - F

Time : Three hours]

[Maximum Marks : 100

Before answering the question, candidates should ensure that they have been supplied the correct and complete question paper. No complain in this regard, will be entertained after examination.

Note : (i) Attempt **Five Questions** in total, at least **one** question from each section.
(ii) Question No. 1 is compulsory.
(iii) Each question carries equal marks(20 marks).

1. Write short note on : **5 x 4 = 20**

- (a) Morphing,
- (b) Antialiasing,
- (c) bitmaps,
- (d) Lossless versus Lossy compression.

SECTION – A

- 2. (a) Explain the framework for MM system. 10**
(b) Explain ADSL 10

3. (a) Describe various MM authoring tools. 10
(b) Explain various animation techniques. 10

SECTION – B

4. (a) Describe the color models used in monitors and printers. 10
(b) Describe various image file formats. 10
5. (a) Explain the architecture of JPEG. 10
(b) What are still images ? Define various ways of making still images. 10

SECTION – C

6. (a) What is digital representation of sound ? 10
(b) Explain MIDI. 10
7. (a) Write a note on time based media representation. 10
(b) What are stereophonic and quadrasonic signals ? 10

SECTION – D

8. (a) Give various application of MM. 10
(b) Explain Desktop virtual reality. 10
9. (a) Explain Intelligent MM system. 10
(b) Discuss the VR visually coupled system requirements. 10