

Roll No.

Total Pages : 3

249404

May, 2019

**MBA (ITM), IV SEMESTER
MULTIMEDIA AND WEB DEVELOPMENT
(MBA/ITM 212)**

Time : 3 Hours]

[Max. Marks : 75

Instructions :

1. *It is compulsory to answer all the questions (1.5 marks each) of Part-A in short.*
2. *Answer any four questions from Part-B in detail.*
3. *Different sub-parts of a question are to be attempted adjacent to each other.*

PART-A

1. (a) Identify three hardware devices used for displaying multimedia. (1.5)
- (b) Differentiate between CD Vs DVD. (1.5)
- (c) Explain different web design tools used in multimedia system. (1.5)
- (d) Name the s/w that are to be used to perform animation. (1.5)
- (e) What is difference between lossless and lossy compression? (1.5)

- (f) How morphing is different from tweening? (1.5)
- (g) Why will it be more appropriate to use JPEG images instead of GIF images for transmitting content over internet? (1.5)
- (h) What do you mean by video on demand? (1.5)
- (i) What is the role of 3D Modelling and Animation tools in multimedia? (1.5)
- (j) Compare and contrast BMP & GIF image file format? (1.5)

PART-B

- 2. (a) What are the components of multimedia systems? (5)
- (b) What is a multimedia authoring tool and what are its main features? (10)

- 3. (a) What are different types of speech recognition system? Also explain how speech can be generated? (10)
- (b) What is MIDI? In addition to MIDI distinguish between channel messages and system messages by giving examples? (5)

- 4. Explain the following :
 - (i) TIFF.
 - (ii) MPEG.
 - (iii) DVI. (15)

- 5. (a) Explain the architecture of web development process in detail. (10)
- (b) What are different formatting tags used during web designing. (5)

- 6. (a) What is use of distributed multimedia system in real time? Explain the architecture and components in detail. (10)
- (b) Explain the role of multimedia servers & databases. (5)

- 7. What is compression? How it is useful? Explain the architecture of JPEG in detail. (15)