

Total No. of printed pages = 3

AMT-301/MS&T/3rd Sem/2014/N

MULTIMEDIA SYSTEMS AND TECHNOLOGY

Full Marks – 70

Pass Marks – 28

Time – Three hours

The figures in the margin indicate full marks for the questions.

Answer any *seven* questions.

Illustrate your answer with suitable sketches and examples wherever necessary.

1. Define multimedia. Why is multimedia important?
5+5=10
2. What are the different components of a computer? Describe them in details. 10
3. (a) Why is 'Text' an important part of multimedia? Explain. 5

[Turn over

(b) What is an alpha channel ? What are the benefits of using the alpha channel ?

3+2=5

4. What are the differences between a bitmap image and a vector graphics ? 10

5. What are the different analog broadcast video standards ? Describe them briefly. 10

6. What are the different types of VR systems ? Describe them. 10

7. (a) What is the function of multimedia authoring tools ? State the things you can create with a multimedia authoring software. 6

(b) What is the significance of the "README.TXT" file found in installable multimedia project ? 4

8. Describe the roles of the following employees in an organization : 5×2=10

(i) Project Manager

(ii) Interface Designer.

9. Write short notes on any *five* of the following :

- (i) Pixel
- (ii) 16-bit image
- (iii) Fonts
- (iv) Dithering
- (v) Panaroma
- (vi) Copyright
- (vii) PAN.

5×2=10