

**MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL**

Paper Code : GE2B-05 The Language of Graphic design: Basics and Beyond

Time Allotted : 3 Hours

Full Marks :70

*The Figures in the margin indicate full marks**Candidate are required to give their answers in their own words as far as practicable***Group-A (Very Short Answer Type Question)**

1. Answer any ten of the following :

[ 1 x 10 = 10 ]

- (i) Where we use Joint photographic experts group (JPEG) to compress?
- (ii) What do you mean by DPI ?
- (iii) What are the typical examples of static images?
- (iv) Video is represented as a series of images formally known as \_\_\_\_\_
- (v) What is the primary output device in a graphic system ?
- (vi) Describe in one word "The combination of text, graphics art, sound, animation and video delivered by computer or other electronic devices"?
- (vii) Write down the full form of XML ?
- (viii) In Real Time Interactive Audio Video, Jitter is introduced in real-time data by delay between
  - (A) Frames
  - (B) Layers
  - (C) Pixels
  - (D) Packets
- (ix) Write down the name of sound editing program where special effect for sound could be added ?
- (x) The second phase of JPEG is \_\_\_\_\_?
- (xi) Write the full form of AIFF?
- (xii) Write the full form of RTF?

**Group-B (Short Answer Type Question)***Answer any three of the following*

[ 5 x 3 = 15 ]

- 1. Describe briefly about Multimedia accessories? [ 5 ]
- 2. How is Operating System related to multimedia? [ 5 ]
- 3. Explain briefly about frame grabber? [ 5 ]
- 4. Explain briefly the functions of Operating System? [ 5 ]
- 5. Write about instant multimedia? [ 5 ]

**Group-C (Long Answer Type Question)***Answer any three of the following*

[ 15 x 3 = 45 ]

- 6. (a) What is Internet? [ 7 ]
- (b) How the Internet works? [ 5 ]
- (c) List the names of the hardware required to establish an internet connection? [ 3 ]
- 7. (a) What is Linear Multimedia? [ 5 ]
- (b) Explain static media and dynamic media in Multimedia? [ 5 ]
- (c) Write the advantages of Multimedia? [ 5 ]
- 8. (a) What is multimedia? [ 5 ]
- (b) Explain operating system? [ 5 ]
- (c) Significance of video files in multimedia? [ 5 ]
- 9. (a) Briefly explain the applications of Multimedia? [ 5 ]
- (b) Define audio and video in multimedia? [ 5 ]

- (c) Explain the need of hardware in multimedia? [ 5 ]
11. (a) What is an email? [ 5 ]
- (b) Explain briefly about IP? [ 4 ]
- (c) What are the layers of TCP/IP model? [ 2 ]
- (d) What is the use of HTTP service and Data Service? [ 4 ]

\*\*\* END OF PAPER \*\*\*

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