M. Sc. (IT&CA) (Sem. II) (CBCS) Examination

May / June – 2015

Fundamental of Graphics and Multimedia : EMY2033

Faculty Code : 003
Subject Code : 008205

Time : **3** Hours]   [Total Marks : **70**

1   Explain following. **(Any four)**   **20**

  (1)   What is DPI? Explain different video modes

  (2)   What is MIDI? How does sound card process MIDI file?

  (3)   Discuss the characteristics of Bezier curves.

  (4)   Explain AGP card in detail.

  (5)   Discuss Data Compression Standards.

  (6)   Discuss MPEG Standard.

2   Explain following. **(Any five)**   **30**

  (1)   What is DMS? Explain features of DMS.

  (2)   Differentiate Raster scan V/S Random scan display.

  (3)   Explain the application of computer graphics.

  (4)   Explain in brief: True Color, JPEG and Aspect Ratio.

  (5)   Discuss Captured animation and image Sequences.

  (6)   What is Animation? Explain Sprite animation and frame animation.

3 Explain following. **(Any two)** **20**

    (1) Explain basic transformation with reference to 2Dgeometric transformation.

    (2) Explain the raster scanning process. How does it help in displaying images on a screen?

    (3) Explain CRT structure and working.

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