



MU-2011134

Seat No. _____

M. Sc. I. T. (Sem. II) Examination

April / May - 2012

**EMY-2033 : Fundamental of Graphics & Multimedia
(Elective - I)**

Time : 3 Hours]

[Total Marks : 70

- 1 Attempt the following : (any five) 25
- (1) Explain application of computer graphics in brief.
 - (2) Explain 3D viewing devices.
 - (3) Explain Input devices.
 - (4) What is basic transformation ? Explain Rotation.
 - (5) Write a note on Scaling.
 - (6) What is clipping ? Explain Point and Line Clipping.
 - (7) Explain Data compression terminology.
- 2 Attempt the following : (any five) 25
- (1) What is Projection ? Explain types of Projection.
 - (2) Explain 3D stereoscopic view.
 - (3) Explain quadric surfaces.
 - (4) Explain Polygon surfaces and Polygon tables.
 - (5) Explain B-spline Curves and Surface.
 - (6) Explain Surface Rendering method.
 - (7) Write a note on sound.
- 3 Write a note on following : (any two) 20
- (1) Write a detail note on Three-Dimensional Geometric and Modeling Transformations.
 - (2) Explain Digitizing video, video standards, video compression techniques.
 - (3) Explain illumination models.