MMTE-004(P)

M.Sc. (MATHEMATICS WITH APPLICATIONS IN COMPUTER SCIENCE)

M.Sc. (MACS)

□□5□□ **Term-End Practical Examination**

December, 2014

MMTE-004(P) : COMPUTER GRAPHICS

Time : 1$\frac{1}{2}$ hours

Maximum Marks : 40

Note : *There are **two** questions in this paper totalling 30 marks. Answer both of them. Remaining 10 marks are for the Viva-Voce.*

1. Write a C-program using outline method to generate and display the following font boundaries (style should remain the same) with font height at least 2 cm. **15**

t

Also fill the interior by a colour of your own choice using boundary-fill algorithm.

2. Write a C-program to implement Cohen – Sutherland line clipping algorithm to clip a triangle with vertices (0, 0), (4, 5) and (6, 1). **15**

———