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**M.Sc. MASTERS IN MATHEMATICS WITH
APPLICATIONS IN COMPUTER SCIENCE
(MACS)**

Term-End Practical Examination

June, 2013

MMTE-004 (P) : COMPUTER GRAPHICS

Time : 1½ 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 to draw an alphabet W with regular font type and italic font type by making use of shear transformation. 15

2. Write a C-program to plot a hexagon of side 10 cm on the window and on the user's click of mouse on window, the object rotates 180° in the counterclockwise direction and comes back to the original position when the user presses the mouse again. 15