

M. Sc. (MATHEMATICS WITH APPLICATIONS IN COMPUTER SCIENCE) [M. SC. (MACS)]

Term-End Practical Examination

June, 2025

MMTE-004(P)(Set-I) : COMPUTER GRAPHICS

Time : 1½ Hours *Maximum Marks : 40*

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Note : There are two questions in this paper, totaling 30 marks. Attempt both of them. The remaining 10 marks are for viva-voce.

1. Write a C program that plots an object on the window and on the user's click of mouse on the window, the object starts rotating continuously until the user presses the mouse button again. 15

2. Implement the Cohen-Sutherland line clipping algorithm in C language. Test your program for line segments with endpoints falling in different regions. 15

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