

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

**M.Sc. (MACS)**

**Term-End Practical Examination**

**June, 2014**

00397

**MMTE-004 (P) : COMPUTER GRAPHICS**

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

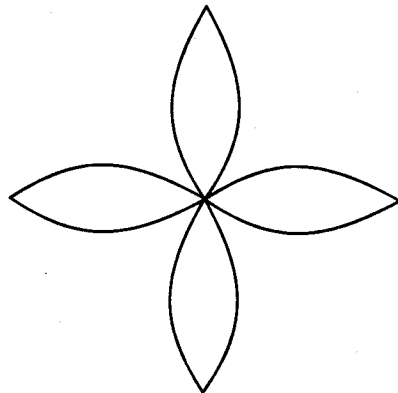
*Maximum Marks : 40*

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*Note : There are **two** questions in this paper, totalling 30 marks. Remaining 10 marks are for the viva-voce.*

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1. Write a C-program to generate a circular arc between two angle values. Use this to draw the figure given below : 15



2. Write a C-program to generate a composite matrix for general 3D rotation matrix. Test your code and rotate continuously a cube of side 5 cm about the x-axis. 15
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