

Total Pages—3

MCA-3  
CGM

Set-1

Full Marks : 70

Time : 3 hours

Answer any six questions including Q. No. 1

*The figures in the right-hand margin indicate marks*

1. Answer the following questions : 2 × 10

- (a) Consider a raster system with a resolution of  $1024 \times 768$ . What is the size of the raster needed to store 8 bits per pixel ?
- (b) Name the various anomalies associated with perspective projection.
- (c) What is shearing ?
- (d) What is covering ?
- (e) What are the various representation schemes used in 3-D objects ?
- (f) What is surface rendering ?

( Turn Over )

( 2 )

( 3 )