

B.Arch. Semester First (C.G.S.)

10004 / 01AR04

Computer Graphics - I

P. Pages : 2

Time : Three Hours



AR - 1836

Max. Marks : 80

- Notes :
1. All question carry marks as indicated.
 2. Answer Q.1 or Q.2 and Q.3 or Q.4.
 3. Question No. 5 and 6 are compulsory.
 4. Due credit will be given to neatness and adequate dimensions.
 5. Assume suitable data wherever necessary.
 6. Retain the construction lines.
 7. Illustrate your answers necessary with the help of neat sketches.
 8. Use of pen Blue/Black ink/refill only for writing the answer book.

1. a) What is CAD? Explain its benefits & limitation of CAD. 12
b) Explain hardware & software of computer system. 8

OR

2. a) Why 'Computer is important in modern world? 12
b) Which type of software available for the use of an Architect's profession now a days? Explain it. 8
3. a) Define MS-word? Explain its applications & use? 10
b) How will you protect your computer against viruses? 10

OR

4. a) How Beneficial power point presentation in Architectural profession? 10
b) Why 'Layer' Command is used in AutoCAD? Explain its Benefits. 10
5. Explain **any four**. 20
 - a) Explain E-mail & its applications & used.
 - b) How to start new file in AutoCAD.
 - c) Explain .
 - i) Backup file
 - ii) Line command

- d) What is plotter?
- e) What is Scanner & its use.
- f) Explain Break & join command.
- g) Hatch command & its use.

6. Attempt **any four**.

- i) Explain Internet & its merits & Demerits.
- ii) Explain Text command.
- iii) How circle can be drawn in AutoCAD?
- iv) Draw rectangle by using line command and having dimension 6x7 min wall Layer & 0.40mm line thickness in Blue Colour & fill it with hatch. Explain Procedure.
- v) Explain scale command.
- vi) Explain precautions taken while drafting drawing in AutoCAD.
