

Roll No.

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Total No. of Pages : 01

Total No. of Questions : 08

M.Tech.(Civil) (Sem.-4)

COMPUTER AIDED DESIGN METHODS

Subject Code : CE-507

M.Code : 35208

Time : 3 Hrs.

Max. Marks : 100

INSTRUCTION TO CANDIDATES :

1. Attempt any FIVE questions out of EIGHT questions.
2. Each question carries TWENTY marks.

1. Explain in detail about the peripheral devices which are commonly used for computer.
2. Explain the following :
 - (a) Shading
 - (b) Segmentation geometric modeling
3. Write short notes on :
 - (a) Coordinate systems used in CAD
 - (b) Requirements to be fulfilled by a drafting package/CAD software.
4. Design an interactive computer programme for the design detailing of isolated footings.
5. Explain in brief, the purpose of database systems.
6. Write short notes on :
 - (a) Graphic input technique
 - (b) Raster graphic fundamentals.
7. (a) Explain in detail about view port.
(b) Write a short note on local stiffness matrix.
8. List any four ground rules you will take into account for designing graphics software.
Discuss functions of a graphic package.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.