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Total No. of Pages : 01

Total No. of Questions : 08

M.Tech. (CAD/CAM) (2018 Batch) (Sem.-1)

COMPUTER AIDED DESIGN

Subject Code : ME-501

M.Code : 23505

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1.Attempt any FIVE questions out of EIGHT questions.

2.Each question carries TWELVE marks.

Q1. Discuss the definition and scope of CAD/CAM in Indian Manufacturing industries?

Q2. Discuss the basic design process using suitable diagram and explain the role of computers in it?

Q3. Discuss wire frame model using suitable diagram and discuss hidden line removal method in it?

Q4. What is Geometric modeling? Explain using suitable example how it helps in constructing solid geometry?

Q5. What do you mean by CAD/CAM Data Exchange Formats?

Q6. Discuss the differences between parametric and analytical curves and surfaces?

Q7. Write a short note on Reverse Engineering Tools?

Q8. Discuss the role of Computer Aided Engineering (CAE) in design and engineering applications?

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.