

Roll No.

Total No. of Pages : 01

Total No. of Questions : 08

M.Tech.(CAD/CAM) (Sem.-2)
COMPUTER INTEGRATED MANUFACTURING SYSTEM
Subject Code : ME-506
Paper ID : [E0877]

Time : 3 Hrs.

Max. Marks : 100

INSTRUCTION TO CANDIDATES :

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

Q1 a) Discuss the concept of CIMS.

b) Discuss the integration of robots in CIMS.

Q2 What is GT? What do you mean by GT machine cells?

Q3 a) What is CAPP? Discuss its types.

b) What do you mean by computer aided cost estimation?

Q4 What do you mean by computer aided shop floor control and process monitoring?

Q5 Explain the information flow in networks and discuss various network standards.

Q6 What do you mean by management information system? Discuss how it helps in preparation of manufacturing data base.

Q7 Write a short note on :

a) Rapid Prototyping.

b) Concurrent Engineering.

Q8 What do you mean by integrated CAD/CAM system and discuss factories of the future?