

- Q.20 What is the need of adaptive control in CNC/DNC?
(CO5)
- Q.21 What are the advantages of DNC over traditional CNC?
(CO5)
- Q.22 Describe the advanced features of helical sweep.
(CO3)

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

- Q.23 Explain working of CAM. Write the uses & advantages of adaptive control system. (CO1)
- Q.24 Explain different types of interpolations used in CNC with diagrams. (Co4)
- Q.25 Write short notes on: (CO5)
- Feed back Devices
 - Hydraulic drives

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222854/212854

5th Sem / Automation & Robotics

Subject : CAD and CAM

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

- Q.1 Bezier curves are defined by: (CO2)
- Only one point
 - Two points
 - Control points
 - None of the above
- Q.2 CNC stands for _____. (CO1)
- Central Numerical Control
 - Computer Numerical Control
 - Control Numerical Computer
 - Computerized Network Control
- Q.3 Which of the following is a major benefit of CAM? (CO1)
- Manual part modeling
 - Reduced automation

