



C16-M-505/RAC - 505

6641

BOARD DIPLOMA EXAMINATION, (C-16)

MARCH/APRIL—2021

DME - FIFTH SEMESTER EXAMINATION

COMPUTER AIDED MANUFACTURING SYSTEMS

Time : 3 hours ]

[ Total Marks : 80

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**PART—A**

3×10=30

- Instructions :** (1) Answer **all** questions.  
(2) Each question carries **three** marks.  
(3) Answers should be brief and straight to the point and shall not exceed five simple sentences.

1. Illustrate the concept of integrated CAD/CAM.
2. Name the basic components of NC system.
3. State the advantages of CNC-CMM.
4. What is a feedback device? Classify the feedback devices used in CNC systems.
5. Illustrate an ATC of a CNC machine.
6. Define part programming. State the types of part programming.
7. Name the motion statements used in APT programming.
8. What is an AGVS? State its applications.
9. Define Flexible manufacturing systems.
10. State the concept of Lean manufacturing.

