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**BDFDC 382**

**Choice Based Credit System VI Semester B.Sc.(F.D.)**

**Examination, September 2022**

**(2021-22 Batch Onwards)**

**COMPUTER AIDED DESIGN**

Time : 3 Hours

Max. Marks : 80

**PART – A**

I. Answer **any three** of the following :

**(3×12=36)**

- 1) What is a Computer Numerical Control ? And also explain the various functions of CNC system.
- 2) Explain input and output devices used for CAD.
- 3) Explain the basic NC procedure in detail.
- 4) What is traditional production planning ? And also explain the various steps adopted in traditional production planning system.

**PART – B**

II. Answer **any four** of the following :

**(4×6=24)**

- 5) Explain the punched tape in NC system.
- 6) Explain the basic MRP concept.
- 7) Wire frame versus solid modeling.
- 8) What are the benefits of CAPP ?
- 9) What is cost planning and cost control ?
- 10) Explain any two NC motion control system.

P.T.O.



**PART – C**

III. Write short notes on **any five** of the following :

**(5×4=20)**

- a) Programming languages.
  - b) Voice NC programming.
  - c) Order point systems.
  - d) Inventory management.
  - e) Transformations.
  - f) APT language.
  - g) Plotters.
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