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## Seventh Semester B.E. Degree Examination, Feb./Mar. 2022

### Enterprise Resource Planning

Time: 3 hrs.

Max. Marks: 100

*Note: Answer any FIVE full questions, choosing ONE full question from each module.*

#### Module-1

- 1 a. Define ERP. Explain the advantages of ERP. (10 Marks)
- b. Explain the evolution of ERP in detail. (10 Marks)

**OR**

- 2 a. Explain the role of Integrated Management Information in ERP. (10 Marks)
- b. Explain the following in ERP:
  - i) Business Modelling
  - ii) Integrated Data Model. (10 Marks)

#### Module-2

- 3 Explain the ERP related technologies:
  - i) Management Information System
  - ii) Decision Support System
  - iii) Data Warehousing
  - iv) Data Mining. (20 Marks)

**OR**

- 4 Explain the following with respect to ERP manufacturing perspective:
  - i) CAD/CAM
  - ii) BOM
  - iii) Manufacturing Resource Planning
  - iv) Distributed Requirements Planning. (20 Marks)

#### Module-3

- 5 a. Explain the concepts of JTI and Kanban. (10 Marks)
- b. Define PDM. Explain the benefits of PDM. (10 Marks)

**OR**

- 6 List ERP module. Explain two ERP modules in detail. (20 Marks)

#### Module-4

- 7 List and explain the benefits of ERP in detail. (20 Marks)

**OR**

- 8 List ERP packages and explain any two ERP packages in detail. (20 Marks)

#### Module-5

- 9 Explain implementation life cycle of ERP with a flow diagram. (20 Marks)

**OR**

- 10 a. Explain the Pros and Cons of ERP implementation in-house. (10 Marks)
- b. Explain the role of Vendors and consultants in ERP implementation. (10 Marks)