

**Faculty of Engineering & Technology  
Eighth Semester B. E. (Information Tech.)**

**Examination**

**ENTERPRISE RESOURCE PLANNING**

**Elective—I**

**Sections—A & B**

Time—Three Hours]

[Maximum Marks—80

**INSTRUCTIONS TO CANDIDATES**

- (1) All questions carry marks as indicated.
- (2) Answer **THREE** questions from Section A and **THREE** questions from Section B.
- (3) Due credit will be given to neatness.
- (4) Assume suitable data wherever necessary.
- (5) Illustrate your answers wherever necessary with the help of neat sketches.

**SECTION—A**

1. (a) What is ERP ? Explain Direct and Indirect benefits of ERP. 7
- (b) What is Data Mining ? What are its advantages ? 6

- 2. (a) What is OLAP ? Highlight the 12 rules of OLAP. 7
- (b) Explain the phase essential for successful implementation of B.P.R. 7
- 3. (a) Write a note on client server architecture of E.R.P. 4
- (b) Write short notes on :
  - (i) Hidden costs 3
  - (ii) Role of consultants 4
  - (iii) Vendors. 2
- 4. (a) Write a note on project management and monitoring. 7
- (b) Explain different phases of ERP implementation life cycle in brief. 6
- 5. (a) Write a note on Quality Management Subsystem of Manufacturing Module. 7
- (b) Write short notes on (any TWO) :
  - (i) Plant maintenance module
  - (ii) Pre-purchasing activity
  - (iii) Just in time subsystem of manufacturing module. 6

**SECTION—B**

- 6. (a) Explain in detail sales and distribution module of an ERP package. 7
- (b) Explain the Investment management subsystem of Finance module. 6

- 7. (a) Make a SWOT analysis of SAP R/3. 5
- (b) List out the steps to get success in supply chain management. 4
- (c) Write a note on Demand-Supply Gap filling. 4
- 8. (a) Make a SWOT analysis of BAAN IV. 6
- (b) What are the seven mantras for selection of ERP package ? 7
- 9. (a) Explain ERP and Electronic Data Interchange (EDI) integration system. 7
- (b) What are the benefits and pitfalls of EDI system ? 6
- 10. Write short notes on following :
  - (a) ERP in manufacturing industries.
  - (b) ERP in non-manufacturing industries. 13