

Q 8204

M.E. DEGREE EXAMINATION, MAY/JUNE 2006.

Elective

Industrial Engineering

IE 1721 — ENTERPRISE RESOURCE PLANNING

(Regulation 2005)

Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What are the direct benefits of ERP?

2. What is an integrated information system? Why it is important for organization's success?

3. What do you mean by OLAP?

4. Why can't companies develop their own ERP packages?

5. What is BPR? Should BPR precede or succeed an ERP Implementation?

6. Who is end user? Why is end user said to be critical for the success of the ERP implementation.

7. Why are ERP vendors trying to improve their products and offerings?

8. What is the impact of Internet and www on the ERP products?

9. What are the risks in ERP?

10. What is Extended ERP?

PART B — (5 × 16 = 80 marks)

11. (i) How is the strategy of selecting ERP solution related to Business/Corporate strategy? Explain with an example.
- (ii) Describe the linkage between BPR, IT and ERP?

12. (a) ERP solutions have flawlessly displayed the integration of various business processes and eliminated the duplication of work across various functions. Explain this statement with a brief business life cycle of a company.

Or

- (b) Explain, how new technologies like Data Warehousing, Data Mining, OLAP and SCM help increase the power, usefulness, efficiency and effectiveness of ERP systems?

13. (a) Draw a business model for an organization with which you are familiar. Identify and explain major processes and entities.

Or

- (b) Explain the various training modules in ERP package and explain with examples.

14. (a) Explain the steps involved in ERP implementation methodology.

Or

- (b) Explain the general problems faced during implementation of ERP and the solution for it.

15. (a) Explain how ERP vendors striving for more market share are making their products more efficient and loaded with features by using new technological innovations.

Or

- (b) Describe the components and modules of financial applications in the SAP R/3 system.
-