

Name :

Roll No. :

Invigilator's Signature :

CS/B.Tech (CSE-NEW)/SEM-6/CS-604C/2013

2013

ERP

Time Allotted : 3 Hours

Full Marks : 70

The figures in the margin indicate full marks.

*Candidates are required to give their answers in their own words
as far as practicable*

GROUP – A

(Multiple Choice Type Questions)

1. Choose the correct alternatives for the following : $10 \times 1 = 10$
 - i) Which of the following modules are parts of a typical ERP system ?
 - a) Finance and accounting
 - b) Production and material management
 - c) Human resources
 - d) All of these.
 - ii) What is the correct sequence in the evolution of ERP systems ?
 - a) MRP II > MRP > ERP II > ERP
 - b) MRP > MRP II > ERP > ERP II
 - c) MRP > MRP II > ERP II > ERP
 - d) None of these.

- iii) Which of the following ERP vendors has the highest market share ?
 - a) SAP
 - b) PeopleSoft
 - c) Baan
 - d) Oracle.
- iv) In multi-tier ERP architecture, what is the role of the presentation server ?
 - a) Database management
 - b) Hosting application logic
 - c) User interface management
 - d) None of these.
- v) What kind of role does a CRM application play in an ERP system ?
 - a) Integrates supplier with ERP
 - b) Integrates customer with ERP
 - c) None of these
 - d) Both (a) and (b).
- vi) What among the following is true in reference to OLTP ?
 - a) Transaction-processing system
 - b) Implemented through SQL queries
 - c) Both (a) and (b)
 - d) None of these.
- vii) Which of the following cost elements for ERP systems include hidden factors ?
 - a) User training
 - b) Software licenses
 - c) Computer hardware
 - d) None of these.

CS/B.Tech (CSE-NEW)/SEM-6/CS-604C/2013

- viii) Which of the following is not a valid parameter for testing ERP system implementation ?
- a) Profile of vendor
 - b) Database connection pool size
 - c) Data back-up support
 - d) Data migration support.
- ix) Which of the following is valid BPR objective ?
- a) Downsizing
 - b) Software re-engineering
 - c) Process improvement
 - d) Process innovation.
- x) What among the following is true in reference to OLAP ?
- a) Transaction-processing tool
 - b) Decision support tool
 - c) Both (a) and (b)
 - d) None of these.

GROUP – B**(Short Answer Type Questions)**Answer any *three* of the following. $3 \times 5 = 15$

2. What are the business reasons for rise and popularity of ERP ?
3. a) What is SCM ?
b) What is the advantage of SCM in extended ERP system ? $2 + 3$
4. What is the difference between Single Vendor ERP Implementation and Best-of-Breed ERP Implementation ?
5. Why is SOA good for business ?
6. What are the future directions for the improvement of ERP ?

CS/B.Tech (CSE-NEW)/SEM-6/CS-604C/2013

GROUP – C

(Long Answer Type Questions)

Answer any *three* of the following. $3 \times 15 = 45$

7. a) What is Enterprise ? What is ERP ? Describe the features of ERP . $1 + 2 + 2$
- b) What are the benefits of an ERP system ? 5
- c) Explain MRP (I) with its advantages and disadvantages. 5
8. a) Discuss the layers of Multi-tier architecture of ERP applications. 5
- b) Briefly explain the web-enabled architecture of ERP with diagram. 5
- c) What are the components of CRM ? Explain each component briefly. 5
9. a) Discuss the main objectives of ERP implementation. 5
- b) Give an overview of the data migration process. 5
- c) What are the risks of ERP implementation ? 5
10. a) What is EAI ? What are the advantages and disadvantages of EAI ? 5
- b) Discuss the EAI architecture. 5
- c) What are the benefits of M-commerce ? 5
11. Write short notes on any *three* of the following : 3×5
- a) Ba n
- b) Data warehousing and ERP
- c) E-commerce and ERP
- d) SOA
- e) ERP project team
- f) Oracle.