

Seat No. : \_\_\_\_\_

**LG-124**

**April-2014**

**4<sup>th</sup> M.SC. (CA & IT) (Integrated)**

**Enterprise Resource Planning and Data Warehousing**

**Time : 3 Hours]**

**[Max. Marks : 100**

1. Answer the following questions : (any **four**) **20**
  - (1) Discuss tangible and intangible benefits of an ERP system.
  - (2) Explain risks involved in ERP implementation.
  - (3) What is Event – Process Chain Modelling ?
  - (4) What is a Data Warehouse ? Explain the rules of data warehousing.
  - (5) Explain Financial Accounting Module in ERP.
  
2. (a) Compare the following : (any **three**) **12**
  - (1) Data warehouse and Data Marts.
  - (2) OLTP and OLAP.
  - (3) Single Vendor and Best of the Breed ERP implementation Strategy.
  - (4) Traditional approach and ERP.
  
- (b) Answer the following : (any **two**) **8**
  - (1) Explain Star Schema with example.
  - (2) List different phases in ERP implementation life cycle. Explain first four phases.
  - (3) Explain Big Bang ERP implementation strategy. Discuss its Pros and Cons.
  
3. (a) Define the following terms : **10**
  - (1) Business Process
  - (2) Data Mining
  - (3) Integrated Information System
  - (4) Cost Centres
  - (5) Query Manager

- (b) Case Study : **10**
- VIL is AC manufacturing company. They maintain large supplier network and big customer base. Their supplier networks and customer networks are not integrated, because of which they are facing problem of integration maintaining data for report generation and analysis to make better decisions.
- Basic information about the company is as follows :
- Turnover : 4 billion USD
- Employees : 1050
- Business Operations : 37 cities in India, 20 abroad
- Legacy System : On Foxpro and other third party application
- Suppliers : Around 150
- Customers : Wholesale – Around 35, Retail – 50000
- The company is planning to implement an ERP system that will help in better integration & will help in decision making, based on this they need to seek answers for following :
- (1) What are different approaches for implementation of ERP ? Which approach they should follow ?
  - (2) What are the advantages and disadvantages of implementing ERP ?
  - (3) As the company is spread into many locations & also have many employees how end user authorization & other restrictions will work in ERP.
4. (a) Write short notes on : (any **three**) **12**
- (1) Object oriented DBMS
  - (2) Decision support system
  - (3) Business Process Re-engineering Team
  - (4) GAP Analysis
- (b) Answer the following : **8**
- (1) Explain with diagram : Centralized, Federated and Independent Data Warehouse architectures.
  - (2) Explain Symmetric Multiprocessing. Explain the advantages & drawbacks of SMP.
5. Answer the following : (any **four**) **20**
- (1) Explain : Data Migration Strategies.
  - (2) Explain the common myths about ERP.
  - (3) Explain Extract, Transform and Loading in Data Warehousing.
  - (4) Explain Sales and distribution model in ERP.
  - (5) Explain Made to Stock and Made to Order with respect to manufacturing perspective.