

(Following Paper ID and Roll No. to be filled in your Answer Book)

PAPER ID : 1311

Roll No.

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B. Tech.

(SEM. VI) THEORY EXAMINATION 2010-11

ERP SYSTEMS

Time : 3 Hours

Total Marks : 100

Note : (1) Attempt **all** questions.

(2) All questions carry equal marks.

1. Attempt any **four** parts of the following : **(5×4=20)**
 - (a) Why ERP system is needed to improve the quality of e-business ? Explain in brief.
 - (b) What is ERP system ? How is this better than normal record keeping system ?
 - (c) Draw a conceptual model of ERP system and explain the essential components.
 - (d) Discuss the concept of data warehouse.
 - (e) Write and explain the difficulties in the implementation of ERP system.
 - (f) What do you mean by supply chain management ?

2. Attempt any **two** parts of the following : **(10×2=20)**
 - (a) Explain ERP development process. What is system development life cycle (SDLC) ? Compare and contrast SDLC with ERP development process.

- (b) What is SSAD ? Describe in brief. Explain the objective and advantages of SSAD methodology.
- (c) Write short notes on object oriented system architecture.
3. Attempt any **two** parts of the following : (10×2=20)
- (a) What do you mean by ERP implementation ? Explain essential types of ERP implementation approaches and write their relative advantages and disadvantages.
- (b) Discuss the various hidden cost aspects in deployment of ERP system.
- (c) Categorize the human resources involved in ERP development and implementation process, briefly explain their role.
4. Attempt any **two** parts of the following: (10×2=20)
- (a) Draw schematic architecture of internet enabled ERP system, and describe each component in brief.
- (b) Describe factors used for evaluation of ERP System.
- (c) List and explain critical factors that may lead to failure of an ERP system.
5. Write short notes on any **two** of the following : (10×2=20)
- (a) Case study on SAP tool.
- (b) Integrating ERP into organizational culture.
- (c) Data mining.