



Printed Pages : 3

TIT-502

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

PAPER ID : 1308

Roll No.

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## B. Tech.

### (SEM. V) EXAMINATION, 2008-09 INFORMATION SYSTEMS

Time : 3 Hours]

[Total Marks : 100

Note : Attempt all questions.

1 Attempt any **two** parts of the following: **10×2=20**

- What do you understand by Information Systems?  
How is it used in business transactions?
- Define the elements of a market and describe how MIS system influences each of the elements.  
Use suitable examples to explain.
- Describe the concept of balanced MIS.  
What are its effectiveness and efficiency criteria?

2 Attempt any **two** parts of the following: **10×2=20**

- Describe the major system analysis design functions. What are the parameters one would use to check the feasibility of a project?  
Use suitable example to explain it.



(b) Explain the methods and type of inputs required for preparing a system proposal. Make a brief draft of a system proposal for automatising of an electronic library.

(c) Write a note on S/W Quality assurance of a software product.

3 Attempt any **two** parts of the following : **10×2=20**

(a) What do you understand by e-commerce? List and explain the infrastructure for e-commerce. Identify the nature of business which may take maximum advantages of e-commerce.

(b) Explain the following :

(i) Extranet

(ii) Enterprise solutions.

(c) Explain the role of information system for business operations.

4 Attempt any **two** parts of the following : **10×2=20**

(a) Explain in detail the basic requirement for business transaction security. What is the role of encryption in transaction security?

(b) Explain the concept of enterprise and global management in context of Information Technology.

(c) Write a note on ethical challenges in business information system.

5 Attempt any **two** parts of the following : **10×2=20**

(a) What do you understand by Customer Relationship Management? Explain the role and implementation of CRM in any organization.

(b) Write a note on Supply Chain Management system. Use suitable examples to explain it.

(c) Explain the concept of Enterprise Resource Planning. How it can be implemented in a process control industry? Use suitable examples to explain it.

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