3E2078

B. Tech. (Sem. III) (Main) Examination, January - 2013
Common for Computer Engg. & Information Tech.
3CS6.3 Management Information System

Time : **3 Hours]**

[Total Marks : **80**
[Min. Passing Marks : **24**

*Attempt any **five questions**, selecting **one question** from each unit. All questions carry **equal** marks. Schematic diagrams must be shown wherever necessary. Any data you feel missing suitably be assumed and stated clearly. Units of quantities used/ calculated must be stated clearly.*

Use of following supporting material is permitted during examination.
(Mentioned in form No. 205)

1. _____ Nil _____   2. _____ Nil _____

UNIT - I

1 (a) Define MIS Highlight the role of MIS in an organisation.

8

   (b) Elaborate the impact of MIS in an organizational performance.

8

OR

1 (a) What are different security threat in an organisation ?

8

   (b) Describe the usage of E-collaboration and E-commerce in revolutionizing the economy.

8

UNIT - II

2 (a) What is decision and rational decision making ? Explain various problem in making rational decision.

8

(b) Describe Herbert Simon model and explain optimization technique and pay off analysis method in decision making alternative.

8

OR

2 (a) What is information and describe the various characteristics and parameter of quality information.

8

(b) Describe the various classification stages of information.

8

UNIT - III

Explain the role of MIS in manufacturing sector using production management. rtuonline.com

16

OR

(a) Explain the application in service sector with respect to :
(a) Hotels
(b) Hospital.

12

(b) Differentiate service V/s product.

4

UNIT - IV

What is an ERP system ? Describe the ERP architecture in the solution structure and in the organisation.

16

OR

4 How ERP is implemented and what are the benefits of ERP?

16

UNIT - V

5   (a)   Describe the 3-Tier architecture along with the basic. Software components.

                 12

      (b)   What are the disadvantages of 2-Tier architecture and characteristics of IInd Generation client server architecture.

                 4

OR

5   (a)   Describe the conceptual and logic data architecture of data warehouse.

                 12

      (b)   Define metadata and its various types.

                 4