



Name :

Roll No. :

Invigilator's Signature :

**CS/HM/SEM-4/BHM-405/2011
2011**

MANAGEMENT INFORMATION SYSTEM

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)

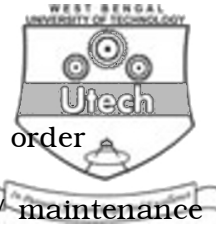
1. Choose the correct alternatives for the following : $10 \times 1 = 10$

i) Which of the following is known as Meta model ?

- a) Iterative waterfall model
- b) Prototype waterfall model
- c) Spiral model
- d) None of these.

ii) EDI is

- a) Electronic Data Interchange
- b) Electrical Data Interchange
- c) Electrical Data Information
- d) None of these.



- iii) Arrange the given steps of SDLC cycle in order
- a) feasibility study / design / testing / maintenance
 - b) maintenance / feasibility study / testing / design
 - c) testing / design / feasibility study / maintenance
 - d) feasibility study / design / maintenance / testing.
- iv) Expert system is a part of
- a) office automation system
 - b) decision support system
 - c) artificial intelligence
 - d) none of these.
- v) Top level management works at
- a) tactical level b) technical level
 - c) strategic level d) none of these.
- vi) Which is not a part of decision making process ?
- a) Intelligence b) Design
 - c) Choice d) Search.
- vii) All of the following are IT components of an expert system except
- a) knowledge base b) user acquisition
 - c) inference engine d) user interface.



- viii) In management triangle how many levels are present there ?
- a) 2 b) 6
c) 3 d) 1.
- ix) Simon's Model is used for
- a) supply – chain management
b) decision making
c) human resource management
d) none of these.
- x) In which stage, the need for a new system is defined in SDLC ?
- a) Coding b) Testing
c) Problem identification d) none of these.

GROUP – B

(Short Answer Type Questions)

Answer any *three* of the following. 3 × 5 = 15

2. Write about the difference between Open System and Close System.
3. “Information – A quality product”. Discuss.
4. Discuss the role of manager in business organization.
5. What is ESS ? Describe all the benefits of ESS.
6. Explain waterfall model.



GROUP – C
(Long Answer Type Questions)

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

7. Describe the limitations of MIS. What are the advantages of waterfall model ? Describe prototyping model. $5 + 5 + 5$
8. What is system analysis ? What are its objectives ? Discuss the various steps in a system analysis. $2 + 5 + 8$
9. Define Decision Support System (DSS). Describe the functions and limitations of DSS. $3 + 6 + 6$
10. What is Hospital Information System ? What are the basic management cycles of a hospital ? Discuss the different types of Hospital Information System in any hospital. $3 + 5 + 7$
11. a) What is Information System ? Describe the classification of information system.
- b) Describe all the types of information required by the different levels of management.
- c) Describe the layout of information flow in an organisation. $(2 + 5) + 5 + 3$

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