



Name :

Roll No. :

Invigilator's Signature :

CS/HM/SEM-4/BHM-405/2010

2010

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 the tactical decision ?
 - a) Capital source decision
 - b) Product decision
 - c) Plant location decision
 - d) Budget allocation.

- ii) Which of the following is part of decision-making process ?
 - a) Problem identification b) Alternative selection
 - c) Problem recognition d) None of these.



- iii) CASE stands for
- a) Computer analysis standard engineering
 - b) Computer application standards enforcement
 - c) Computer aided software engineering
 - d) Computer aided system engineering.
- iv) In management triangle how many levels are present ?
- a) 2
 - b) 6
 - c) 3
 - d) 1.
- v) Which of the following is a characteristic of MIS ?
- a) Management oriented
 - b) Integrated
 - c) Both (a) and (b)
 - d) None of these.
- vi) The data processing system is also called
- a) Transaction processing system
 - b) Decision support system
 - c) Executive information system
 - d) None of these.
- vii) In which stage the need for a new system is defined in SDLC ?
- a) Coding
 - b) Testing
 - c) Problem identification
 - d) System design.



- viii) Which of the following models uses several iterations ?
- a) Prototyping model b) Spiral model
c) Waterfall model d) None of these.
- ix) A(n) system is a type of system that interacts with its environment.
- a) Complex b) Open
c) Stable d) Temporary.
- x) Simon's model is used for
- a) Supply-chain management
b) Decision making
c) Human Resource management
d) None of these.

GROUP – B

(Short Answer Type Questions)

Answer any *three* of the following. $3 \times 5 = 15$

2. Describe information effectiveness parameters.
3. Differentiate between Open System & Close System.
4. Differentiate between MIS & DSS.
5. State the limitations of MIS.
6. Write short notes on the following : $2 \times 2\frac{1}{2}$
 - i) Sample Registration System
 - ii) Census.



GROUP – C

(Long Answer Type Questions)

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

7. What is system analysis ? What are its objectives ? Discuss the various steps in system analysis. $2 + 5 + 8$
8. Define Decision Support System (DSS). Describe the functions and limitations of DSS. $3 + 6 + 6$
9. a) What is Hospital Information System ?
b) What are the basic management cycles of a Hospital ?
c) Discuss the different types of Hospital Information System in any Hospital. $3 + 5 + 7$
10. What is decision making process ? What is its importance ? Describe the process of decision making in any organization. $3 + 4 + 8$
11. a) How could you define a system ?
b) What are the characteristics of a system ?
c) Briefly discuss the different phases of Waterfall model. What are the disadvantages of Waterfall model ? $4 + 4 + 5 + 2$
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