

C 4006

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Name.....

Reg. No.....

FOURTH SEMESTER B.C.A. DEGREE EXAMINATION, APRIL 2016

(CUCBCSS—UG)

Complementary Course

BCA 4L 08—MANAGEMENT INFORMATION SYSTEM

Time : Three Hours

Maximum : 80 Marks

Part A

Answer all questions.

Each question carries 1 mark.

1. A task of developing a technical blueprint and specifications for a solution that fulfills the business requirements is undertaken in the following phase of the system development process.
 - (a) System initiation.
 - (b) System implementation.
 - (c) System design.
 - (d) System analysis.
2. Which one of the following is not an important characteristic of useful and effective information ?
 - (a) Accuracy.
 - (b) Timeliness.
 - (c) Completeness.
 - (d) Economy.
3. Which of the following is NOT an objective of MIS ?
 - (a) Facilitate the decisions-making process.
 - (b) Provide requisite information at each level of management.
 - (c) Support decision-making.
 - (d) Recruit people for system.
4. A system is called _____ when the inputs, process and the outputs are known with certainty.
 - (a) Probabilistic.
 - (b) Deterministic.
 - (c) Open.
 - (d) Close.
5. Which of the following is included in the Office automation systems ?
 - I. Word processing.
 - II. Electronic mail.
 - III. Voice mail.
 - IV. Electronic calendaring.
 - V. Audio conferencing.
 - (a) I, II, III and V only.
 - (b) I, II, III and IV only.
 - (c) I, II, IV and V only.
 - (d) All I, II, III, IV and V.

Turn over

6. Data integrity refers to the :
- (a) Simplicity of data. (b) The privacy of data.
(c) The validity of data. (d) The security of data.
7. Which of the following is part of the decision-making process ?
- (a) Problem identification. (b) Alternative selection.
(c) Problem recognition. (d) All of the above.
8. _____ is the process of defining the current problem, determining why a new system is needed, identifying the objectives of the proposed system.
- (a) Feasibility analysis. (b) System Analysis.
(c) System definition. (d) System requirements.
9. Demand forecasting system is _____.
- (a) Deterministic. (b) Probabilistic.
(c) Closed. (d) All of the above.
10. Strategic information is needed for :
- (a) Day to day operations. (b) Meet government requirements.
(c) Long range planning. (d) Short range planning.

(10 × 1 = 10 marks)

Part B

Answer all questions.
Each question carries 2 marks.

11. Define management information system.
12. What is DSS ?
13. What do you mean by value of information ?
14. What do you mean by boundary of a system ?
15. What is system design ?

(5 × 2 = 10 marks)

Part C

Answer any five questions.
Each question carries 4 marks.

16. What is system analysis ? What are the steps in it ?
17. State the prototyping approach to application system development.

18. Discuss the major phases involved in decision-making process.
19. Explain any two behavioural models of decision-maker.
20. Explain the role of Transaction Processing System with the help of a diagram.
21. Discuss on management information system support for decision-making.
22. Explain the Newell - Simon Model of Human Information Processing System.
23. What is a system ? Narrate its characteristics.

(5 × 4 = 20 marks)

Part D

*Answer any five questions.
Each question carries 8 marks.*

24. Describe the role of Management Information System in a business Organization.
25. What do you mean by quality of information ? Explain the various attributes.
26. Explain the structure of MIS based on organizational functions.
27. Discuss the general model of the human as an information processor.
28. Explain SDLC approach to the system development.
29. What do you understand by quality in information system ? Discuss.
30. Describe the basic models of organizational structure.
31. Explain the different phases of system implementation.

(5 × 8 = 40 marks)