

C 4006

(Pages : 3)

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 x 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 x 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 x 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 x 8 = 40 marks)