

**D 42001**

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Name.....

Reg. No.....

**FOURTH SEMESTER B.C.A. DEGREE EXAMINATION, APRIL 2018**

(CUCBCSS—UG)

BCA 4C 08—MANAGEMENT INFORMATION SYSTEM

Time : Three Hours

Maximum : 80 Marks

**Part A**

*Answer all questions.*

*Each question carries 1 mark.*

1. Which one is NOT a phase of the SDLC ?
  - (a) Problem analysis.
  - (b) Scope definition.
  - (c) Requirement analysis.
  - (d) Post implementation review.
2. The \_\_\_\_\_ phase of decision model include activities to identify problem situations or opportunity situations.
  - (a) Intelligence.
  - (b) Design.
  - (c) Choice.
  - (d) None of these.
3. Which of the following is not considered under various types of system ?
  - (a) Physical system.
  - (b) Open system.
  - (c) Integrated system.
  - (d) Deterministic system.
4. MIS is an integrated \_\_\_\_\_ system for providing information.
  - (a) Computer.
  - (b) User.
  - (c) User-machine.
  - (d) Machine.
5. \_\_\_\_\_ refers to the ability to obtain and utilize human and material resources to accomplish objectives.
  - (a) Culture.
  - (b) Power .
  - (c) Stress.
  - (d) Change.
6. The general transformation cycle for information is \_\_\_\_\_.
  - (a) Information-data-knowledge.
  - (b) Knowledge-data-information.
  - (c) Data-knowledge-information.
  - (d) Data-information-knowledge.
7. Prototypes are used in \_\_\_\_\_.
  - (a) Model driven analysis.
  - (b) Object oriented analysis.
  - (c) Traditional analysis.
  - (d) Accelerated system Analysis.

**Turn over**

8. A biological human body system is an example for \_\_\_\_\_ system.
- (a) Closed. (b) Open.  
(c) Conceptual. (d) Artificial.
9. The most important attribute of information quality that a manager require is \_\_\_\_\_.
- (a) Relevance. (b) Media.  
(c) Presentation. (d) Timeliness.
10. \_\_\_\_\_ is developed to support day to day operations of the firm.
- (a) OSS. (b) TPS.  
(c) MSS. (d) ESS.

(10 × 1 = 10 marks)

### Part B

*Answer all questions.*

*Each question carries 2 marks.*

11. Define Decision making.
12. What is a 'system' ?
13. What is organizational change ?
14. What is prototyping ?
15. What is post audit evaluation ?

(5 × 2 = 10 marks)

### Part C

*Answer any five questions.*

*Each question carries 4 marks.*

16. Describe MIS as an evolving concept.
17. State and explain the behavioral model of organizational decision making.
18. Explain the quality of information in decision making.
19. Explain the concept of human cognition and learning.
20. Define a system. State the characteristics of a system.
21. Write a note on 'management levels and information requirements'.
22. Describe the 'Prototyping approach' to application system development.
23. Illustrate the characteristics of control process.

(5 × 4 = 20 marks)

**Part D**

*Answer any **five** questions.*

*Each question carries 8 marks.*

24. Explain the structure of MIS based on organizational functions.
25. Write a note on 'quality of information' and 'value of information'.
26. Explain the system concepts applied to management information system design.
27. Illustrate the Newwell-Simon model.
28. Explain organizations as socio-technical system.
29. Explain the Life Cycle approach to application system development.
30. Elucidate the post audit evaluation of Information System Applications.
31. Explain the organizational functions for control and quality assurance.

(5 × 8 = 40 marks)