

FOURTH SEMESTER B.C.A. DEGREE EXAMINATION, APRIL/MAY 2015

(UG—CCSS)

Complementary Course

CA 4C 08—MANAGEMENT INFORMATION SYSTEM

Time : Three Hours

Maximum : 30 Weightage

Answer all the questions.

I. Fill in the blanks :

- 1 MIS is an integrated _____ system for providing information.
(a) Computer. (b) User.
(c) User-machine. (d) Machine.
- 2 _____ decision has no pre-established decision procedure.
(a) Non-programmed. (b) Structured.
(c) Programmed. (d) Routine.
- 3 The human body system is an example for _____ system.
(a) Closed. (b) Open.
(c) Conceptual. (d) Artificial.
- 4 The value of _____ information may be defined as the expected value of opportunity losses.
(a) Formal. (b) Informal.
(c) Perfect. (d) Imperfect.
- 5 _____ in an organization 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 second stage of information system development life cycle is _____.
(a) Development. (b) Definition.
(c) Installation. (d) Design.

Turn over

- 7 _____ is caused by the ability of individuals to exercise discretion in information presentation.
- (a) Error. (b) Inference.
(c) Bias. (d) Quality.
- 8 The movement of a system to disorder is termed as _____.
- (a) Decoupling. (b) Stress.
(c) Increase in entropy. (d) Negative entropy.
- 9 _____ include handling of exceptions, detection of errors, error correction, and various exceptions, error and control reports.
- (a) Feasibility study. (b) Quality assurance.
(c) Post audit. (d) Technical evaluation.
- 10 _____ refers to the process through individuals organize and change information during decision-making process.
- (a) Bias. (b) Decision tree.
(c) Heuristics. (d) Cognitive style.
- 11 _____ is developed to support day to day operations of the firm.
- (a) OSS. (b) TPS.
(c) MSS. (d) ESS.
- 12 The setting of goals and policies are the responsibilities of _____ level.
- (a) Strategic Planning. (b) Management control.
(c) Operational control. (d) TPS.

(12 × ¼ = 3 weight)

II. Answer *all* the questions :

- 13 Define MIS.
- 14 Define system.
- 15 What is negative feedback control ?
- 16 What is meant by age of information ?
- 17 What is redundancy ?

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- 18 What is organizational power ?
- 19 What is prototyping ?
- 20 What is Modularity ?
- 21 Define Stress.

(9 × 1 = 9 weightage)

III. Answer any *five* questions :

- 22 Differentiate between open system and closed system.
- 23 Distinguish between programmed and non-programmed decisions.
- 24 Explain the cognition theory.
- 25 Write a note on organizational culture.
- 26 Explain 'how information reduce uncertainty'.
- 27 Explain the Simon's model for describing phases of decision-making process.
- 28 Explain the law of requisite variety.

(5 × 2 = 10 weightage)

IV. Answer any *two* questions :

- 29 Explain briefly about the post audit evaluation of information system application.
- 30 Explain the structure of MIS based on organizational functions.
- 31 Illustrate the Life Cycle Approach to Application System Development.

(2 × 4 = 8 weightage)