

FOURTH SEMESTER B.C.A. DEGREE EXAMINATION, MARCH 2013**(CCSS)**

CA4 C08—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 _____ is an information system application that assists decision-making.
(a) **DSS**. (b) **TPS**.
(c) **ERP**. (d) DTP.
- 3 The _____ decision tends to be routine and frequently repeated.
(a) Non-programmed. (b) Structured.
(c) Unstructured. (d) Strategic.
- 4 _____ is the design of an information system as a number of small sets of processing instructions.
(a) Software. (b) Modularity.
(c) Filtering. (d) **Decoupling**.
- 5 The _____ phase of **decision** model include activities to identify problem situations or opportunity situations.
(a) Intelligence. (b) Design.
(c) Choice. (d) None of these.
- 6 The value of _____ information may be defined as the expected value of opportunity losses.
(a) Perfect. (b) Imperfect.
(c) Formal. (d) Infomal.
- 7 _____ refers to the process through individuals organize and change information during decision making process.
(a) Bias. (b) Decision tree.
(c) Heuristics. (d) Cognitive style.

Turn over

- 8 A subsystem at the lowest level is termed as _____
- (a) Super system. (b) Supra system..
(c) Black box. (d) Boundary.
- 9 _____ is the process of organizing subsystem so as to reduce the number of interconnections
- (a) Decomposition. (b) Simplification.
(c) Filtering. (d) Decoupling.
- 10 The degree of _____ is the extent to which rules and procedures exist to handle organizational activities.
- (a) Formalization. (b) Centralization.
(c) Specialization. (d) Normalization.
- 11 _____ is used when requirements are difficult to specify in advance or when requirements may change significantly during development.
- (a) Budget. (b) Decision tree.
(c) DFD. (d) Prototyping.
- 12 _____ 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.

(12 x 1 = 3 weightage)

II Answer *all* the questions :

- 13 Define MIS.
- 14 What is meant by age of information ?
- 15 What is meant by strategic planning level ?
- 16 What is redundancy ?
- 17 What is an open system ?
- 18 What is negative entropy ?
- 19 What is organizational power ?
- 20 What is prototyping ?
- 21 State the role of independent auditors in information system.

= 9 weightage)

III. Answer any *five* questions

- 22 What are the physical components required for an information system ?
- Distinguish between programmed and non-programmed decisions.
- 24 What are the different phases of decision-making process ?
- 25 How information reduce uncertainty ?

26 State and explain the Newell-Simon model.

27 What is negative feedback control ?

28 Explain the different types of feasibility study.

(5 x 2 = 10 weightage)

IV. Answer any *two* questions

29 Explain MIS structure based on organizational functions.

30 What are the different types of systems ?

31 Explain life-cycle approach to application system development.

(2 x 4 = weightage)