C 81875   (Pages : 3)   Name

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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 x $\frac{1}{4}$ = 3 **weightage**)

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 ?

18 What is organizational power ?

19 What is prototyping ?

20 What is Modularity ?

21 Define Stress.

(9 x 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 x 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 x 4 = 8 weightage)