

III/BCA/301

2016

(3rd Semester)

BACHELOR OF COMPUTER APPLICATION

Paper No. : BCA-301

(Management Information System)

(PART : A—OBJECTIVE)

(Marks : 25)

The figures in the margin indicate full marks for the questions

SECTION—I

(Marks : 15)

1. Choose the correct answer by putting a Tick (✓) mark in the brackets provided : 1×10=10

(a) Conceptual system design is sometimes called as

(i) feasibility design ()

(ii) high-level design ()

(iii) gross design ()

(iv) All of the above ()

(b) Which of the following improves selection of subordinates, improves training, reassign duties?

(i) Plan ()

(ii) Organization ()

(iii) Staff ()

(iv) PERT ()

(c) _____ has no unifying framework and is without master plan.

(i) Master program schedule ()

(ii) Patchwork ()

(iii) Decision rule ()

(iv) Subprogram schedule ()

(d) A powerful tool of management science is

(i) simulation ()

(ii) decision making ()

(iii) feedback system ()

(iv) computation ()

(3)

(e) The establishment of cost and resources target for planned series of periods in advance is called

(i) reporting technique ()

(ii) project budgeting ()

(iii) gross design ()

(iv) All of the above ()

(f) Sources of information can be categorized as

(i) interview managers ()

(ii) sampling and estimates ()

(iii) Both (i) and (ii) ()

(iv) personal manager ()

(g) Which of the following serves to bring out information gaps, operating needs and controversial point?

(i) Personal interview ()

(ii) Task force meeting ()

(iii) Both (i) and (ii) ()

(iv) Master manager ()

(h) A brief overview of the design is given by

- (i) lower management ()
- (ii) upper management ()
- (iii) middle management ()
- (iv) centre management ()

(i) Forms and manuals are the principal materials to be ordered for MIS

- (i) hardware ()
- (ii) software ()
- (iii) materials ()
- (iv) plan ()

(j) The documentation of manual information may consist of

- (i) synergistic ()
- (ii) master file ()
- (iii) operation file ()
- (iv) form ()

(5)

2. State whether the following statements are *True (T)*
or *False (F)* : 1×5=5

(a) The electronic computer decreases the increase complexity of management.

(T / F)

(b) Choice consists of identifying and understanding the problems that occurring in the organization.

(T / F)

(c) A clear statement of information needs is fundamental and necessary to good system design.

(T / F)

(d) Low-level automation may be preferred when problems are not well-structured.

(T / F)

(e) System file is a collection of data used in routine operations.

(T / F)

(6)

SECTION—II

(Marks : 10)

3. Answer the following questions :

2×5=10

- (a) List out the main phases in MIS implementation.

(7)

(b) Define general system flowcharts.

(8)

(c) Differentiate between data and information.

(9)

(d) What is the aim of detailed design?

(10)

(e) What is master program schedule (MPS)?

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Paper No. : BCA-301

(Management Information System)

Full Marks : 75

Time : 3 hours

(PART : B—DESCRIPTIVE)

(Marks : 50)

*The figures in the margin indicate full marks
for the questions*

1. (a) State and explain briefly different types of information at business level. 4
- (b) What are the key factors that can increase the productivity of the organization? 3
- (c) Define organizational theory. Explain the two types of organizational theory. 3

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(Turn Over)

(2)

Or

- (d) Define system approach. What is the basic and fundamental notion of system approach? Discuss the four primary causes of the increase complexity of management. 1+1+8=10

2. (a) What is information system? State and briefly explain four basic information systems. 5
- (b) What are five classical characteristics of personnel information system? 5

Or

- (c) Write six characteristics of type of information system that lend itself best to the computer. 5
- (d) Explain briefly four reasons need for system planning. 5
3. (a) List out all the key tasks performed during the conceptual design. 3
- (b) Define conceptual system design. Determine the sources of information. 7

(3)

Or

- (c) Explain the two types of constraint in the organization. 5
- (d) Write the important characteristics of conceptual system design. 5
4. (a) Define form. Identify the specific factor that should be considered in form design. 5
- (b) Write a short note on flowchart. 5

Or

- (c) What are four principal sources for designing of the MIS? 6
- (d) Explain the steps to be taken in 'project planning' management. 4
5. (a) What are different activities which are applied in MIS maintenance? 5
- (b) Write a short note on documentation. 5

Or

- (c) Describe in detail, how environmental changes can affect MIS maintenance. 10
