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(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)

I. Put a Tick (✓) mark against the correct answer in the brackets provided : 1×10=10

1. Grouping of interdependent subsystem components gives

   (a) group ( )

   (b) organization ( )

   (c) system ( )

   (d) network ( )

2. Management comprises of

   (a) planning   ( )

   (b) controlling   ( )

   (c) staffing   ( )

   (d) All of the above   ( )

3. The decision support systems provide a generalized model of

   (a) information   ( )

   (b) decision making ( )

   (c) planning   ( )

   (d) implementation ( )

4. In MIS, a process for accomplishing purposes is

   (a) planning   ( )

   (b) documentation   ( )

   (c) data collection ( )

   (d) system design   ( )

5. A decision is the choice out of several options made by

(a) decision maker ( )

(b) manager ( )

(c) user ( )

(d) organization ( )

6. In the view of business, the management is viewed as

(a) file ( )

(b) planning ( )

(c) system ( )

(d) documentation ( )

7. Decomposition of the system to operational activities is called

(a) subsystem ( )

(b) subprocedure ( )

(c) subroutine ( )

(d) suboperation ( )

8. When all the related records are orderly arranged, it is called

   (a) file ( )

   (b) entity ( )

   (c) record set ( )

   (d) database ( )

9. The role of MIS in an organization can be compared to the role of

   (a) brain in the body ( )

   (b) heart in the body ( )

   (c) blood in the body ( )

   (d) ear in the body ( )

10. When row data are processed and arranged meaningfully, it produces

   (a) good data ( )

   (b) information ( )

   (c) file ( )

   (d) document ( )

II. Tick (✓) whether *True (T)* or *False (F)* : 1×5=5

1. Information is derived from well-defined data.

(T / F)

2. Planning is a blueprint of business growth.

(T / F)

3. Conceptual design in itself is the end of the design process.

(T / F)

4. Documentation involves system input, output and overall system flow.

(T / F)

5. The plan for development and its implementation is not the basic necessity for MIS.

(T / F)

(6)

III. Answer the following questions : 2×5=10

1. What is information?

2. What do you mean by MIS?

3. What are pitfalls in MIS development?

(8)

4. Write two roles of the MIS in an organization.

5. What are different types of Information System at Management levels?

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2 0 1 7

(3rd Semester)

BACHELOR OF COMPUTER APPLICATION

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)* Explain data and information with a suitable example.   5

   (b) Write five roles played by MIS.   5

   Or

   (c) What do you understand by system? Explain different types of system.   5

   (d) What is decision? Write down three requirements for decision making.   5

2. *(a)* Explain various steps involved in the conceptual design of a system. 5

(b) Mention five components required for documentation design. 5

Or

(c) What is report? Write the importance of reports in MIS. 5

(d) Discuss the different steps of the detailed system design. 5

3. *(a)* Mention five pitfalls in the MIS development. 5

(b) What is a system constraint? What are internal constraints and external constraints? 5

Or

(c) Explain conceptual design of MIS. What are the important characteristics of conceptual design? 5

(d) Mention five characteristics of good documentation. 5

4. *(a)* Write a short note on general business planning in MIS. 5

(b) What is planning in MIS? Write the details of MIS plan. 5

(Continued)

Or

(c) Discuss the essential steps in the process of decision making. 5

(d) Define the degree of automation and trade off criteria. 5

5. (a) Describe organization theory. What are the two types of organization theory? 5

(b) Differentiate between strategic planning and project planning for MIS. 5

Or

(c) Discuss various steps in system analysis and design process. 5

(d) Explain different steps in system implementation. 5

★ ★ ★