

**CS/BCA/SEM-1/BCA-102/2013-14**

**2013**

**BUSINESS SYSTEM AND APPLICATION**

Time Allotted : 3 Hours

Full Marks : 70

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words  
as far as practicable.*

**GROUP – A**

**(Multiple Choice Type Question)**

1. Choose the correct alternatives for the following: 10 x 1 = 10
  - i) Function of management includes
    - a) planning
    - b) organizing
    - c) control
    - d) all of these
  - ii) Simon's model of decision making involves
    - a) intelligence
    - b) choice
    - c) design
    - d) all of these.
  - iii) Detailed design phase for MIS addresses the key issue of
    - a) screen layouts
    - b) output layouts
    - c) user interface
    - d) all of these
  - iv) Re-engineering is
    - a) fundamental rethinking
    - b) radical redesign of business process
    - c) both (a) and (b)
    - d) none of these

v) Which of the following is not a language?

- a) COBOL
- b) C++
- c) ORACLE
- d) JAVA

vi) E-mail is an important function of

- a) transaction processing system
- b) operating system
- c) office automation system
- d) expert system.

vii) An overall conceptual or logical view of the relationships between the data in a database is called

- a) schema
- b) table
- c) view
- d) stored procedure.

viii) DDL, DML, DCL are associated with

- a) transaction processing
- b) database operation
- c) programming language
- d) operating system.

ix) The time between receipt of order for a product and delivery of the same is called

- a) lead time
- b) exertion time
- c) cycle time
- d) none of these.

- x) Teleconference refers to
  - a) audio conferencing
  - b) video conferencing
  - c) computer conferencing
  - d) all of these.

**GROUP – B**

**(Short Answer Type Questions)**

Answer any *three* of the following. 3 x 5 = 15

- 2. What is SDLC and what are its parts? 1+4
- 3. Distinguish between data and information. What is planning? 2+3
- 4. What is DSS? What is the purpose of DSS? 2+3
- 5. Why is feasibility analysis necessary before designing a system? What are the inputs and outputs of the system design phase? 3+2
- 6. What is a physical DFD? What is ERP architecture? 2+3

**GROUP – C**

**(Long Answer Type Questions)**

Answer any *three* of the following. 3 x 15 = 45

- 7. a) Define MIS and discuss its objectives.  
b) List the steps for designing and implementing an MIS and illustrate the same with a flow diagram. 5+10
- 8. a) Describe the general model of any TPS with suitable example.  
b) Why has office automation system gained greater importance in recent years? Identify different types of office automation system.

- c) Why is end-user computing necessary? 5+5+2+3
9. a) Differentiate between OLTP and OLAP.  
b) Differentiate between LAN and WAN.  
c) What is end-user computing?  
d) What is organization hierarchy? 4+4+3+4
10. a) Differentiate between ERP and BPR.  
b) What is Knowledge Management? Write the steps of knowledge management. 5+(3+7)
11. Write short notes on any *three* of the following: 3 x 5
- a) CRM  
b) Supply Chain Management  
c) Data Warehouse  
d) Virtual Office  
e) Executive Information System  
f) E-Business.

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