Name : ....

Roll No. : ....

Invigilator's Signature : ....

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 Questions)

1. Choose the correct alternatives for the following :

$10 \times 1 = 10$

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.

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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) execution time

    c) cycle time   d) none of these.

x) Teleconferencing 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 × 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 × 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 organizational 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 × 5

    a) CRM

    b) Supply Chain Management

    c) Data warehouse

    d) Virtual Office

    e) Executive Information System

    f) E-Business.

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