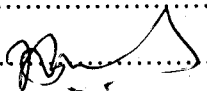


Name : .....

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 × 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) 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.  $3 \times 5 = 15$

- 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.  $3 \times 15 = 45$

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 :  $3 \times 5$
- a) CRM
  - b) Supply Chain Management
  - c) Data warehouse
  - d) Virtual Office
  - e) Executive Information System
  - f) E-Business.
-