

2012

**MANAGEMENT INFORMATION SYSTEMS**

*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 any *ten* of the following :

10 × 1 = 10

- i) Expert system can be considered as an extended version of
  - a) Executive Information System
  - b) Decision Support System
  - c) MIS
  - d) GIS.
- ii) Transaction processing system works in the
  - a) Strategic Information Layer
  - b) Tactical Information Layer
  - c) Operational Information Layer
  - d) Top Layer.
- iii) EIS stands for
  - a) Expert Information System
  - b) Express Information System
  - c) External Information System
  - d) Executive Information System.
- iv) Which one of the following is not a type of information ?

- a) Tactical b) Statistical
- c) Operational d) Strategic.
- v) System analyst is an
  - a) agent of form b) agent to change
  - c) agent to reduce d) agent to maintain.
- vi) A system must be
  - a) partial document
  - b) semi document
  - c) adequately documented
  - d) excellent documented.
- vii) Primary steps in SDLC is
  - a) design study
  - b) evolution study
  - c) report problem
  - d) preliminary investigation.
- viii) Waterfall model includes
  - a) proposal design
  - b) requirement analysis
  - c) coding testing
  - d) all of these.
- ix) A group of related records is called
  - a) field b) file
  - c) database d) none of these
- x) UNIX is a
  - a) single user OS b) multiuser OS
  - c) both (a) and (b) d) none of these.
- xi) The other name of data processing
  - a) Transaction Processing system
  - b) Processing system

- c) Decision Support system
- d) None of these
- xii) Projections and responses to queries are information output characteristics associated with a/an
  - a) DSS b) ESS
  - c) MIS d) TPS.

### **GROUP – B**

#### **( Short Answer Type Questions )**

Answer any *three* of the following.  $3 \times 5 = 15$

- 2. How many types of Database Model are available ? What are the advantages of network model and disadvantages of relational model ?  $1 + 2 + 2$
- 3. "MIS support various management activities in an organisation." Explain.
- 4. What are the functions and advantages of DSS ?
- 5. Differentiate between LAN and WAN.
- 6. How is Transaction Processing System critical for a business firm ?

### **GROUP – C**

#### **( Long Answer Type Questions )**

Answer any *three* of the following.  $3 \times 15 = 45$

- 7. a) What are the components of DBMS ?
- b) What are the various threats to information system in an organization ?
- ) Write down the measures to be taken to overcome the threats to information system.  $4 + 6 + 5$
- 8. a) Define SDLC.
- b) What are the major steps of SDLC ? Explain in detail.
- c) Write a short note on CASE tools.  $3 + 7 + 5$

9. a) What is Networking ?
- b) What are the different types of Computer Networks ?
- c) What is Topology ?
- d) Explain any four types of topology with their diagram, advantages and limitations. 2 + 6 + 2 + 5
10. a) Write down the functions of MIS. What are the limitations of MIS ?
- b) What is information system audit ? Explain.
- c) "Information — a quality product." Discuss. 5 + 5 + 5
11. Write short notes on any *three* of the following : 3 × 5
- a) Data independence
- b) Functional subsystems of MIS
- c) Outsourcing
- d) Network topologies
- e) Biometric controls.

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