	Utech
Name :	
Roll No.:	To Spring (IV Knowledge Stad Excellent)
Invigilator's Signature :	

# CS/MBA (N)/SEM-1 (FT)/MB-103/2011-12 2011

## **MANAGEMENT INFORMATION SYSTEM - I**

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:

 $10 \times 1 = 10$ 

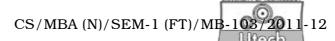
- i) USB Flash Memory is an example of
  - a) Primary Storage device
  - b) Secondary Storage device
  - c) Both (a) and (b)
  - d) None of these.
- ii) DSS is used primarily for
  - a) Structured Decision Making
  - b) Unstructured Decision Making
  - c) Semi-structured Decision Making
  - d) Both (b) and (c).

16003 Turn over

#### CS/MBA (N)/SEM-1 (FT)/MB-103/2011-12

- iii) Closed System is basically
  - a) independent of its input
  - b) dependent on its environment
  - c) independent of its environment
  - d) all of these.
- iv) The CBIS used by the Top Level Managers for Strategic decision making
  - a) Executive Information System
  - b) Executive Support System
  - c) Knowledge Management System
  - d) All of these.
- v) The communication mode in which Cell Phone is used is
  - a) Simplex Communication
  - b) Half-Duplex Communication
  - c) Full-Duplex Communication
  - d) None of these.
- vi) Robotics and Neutral Networks are associated with
  - a) Telecommunication
  - b) E-Commerce
  - c) Artificial Intelligence
  - d) None of these.
- vii) Which of the following models of SDLC incorporates building of a prototype or a test model?
  - a) Waterfall Model
- b) Spiral Model
- c) Both (a) and (b)
- d) None of these.





- viii) An information analysis tool that involves the automated discovery of patterns and relationships in data warehouse is called
  - a) Data Mining
- b) Data Mart
- c) Business Intelligence d)
  - Predictive Analysis.
- ix) Which of the following is not a phase of Simon Model of Decision making process?
  - a) Intelligence Phase
- b) Leading Phase
- c) Choice Phase
- d) Design Phase.
- x) Profit Planning is a function of
  - a) Executive Support System
  - b) Transaction Processing System
  - c) Office Automation System
  - d) None of these.

#### **GROUP - B**

#### (Short Answer Type Questions)

Answer any *three* of the following.

 $3 \times 5 = 15$ 

- 2. Differentiate amongst internet, Intranet and Extranet.
- 3. What is the role of operating system in a computer?
- 4. Briefly narrate the process of Electronic Fund transfer.
- 5. Write in brief the salient features of LAN, WAN and MAN.
- 6. How are B2C and C2B related?

#### **GROUP - C**

## (Long Answer Type Questions)

Answer any three of the following.



7. Elaborate with examples the following processing methods:

 $3 \times 5$ 

- a) Batch processing
- b) Online processing
- c) Real time processing.
- 8. Define knowledge. Explain different types of knowledge. State the major functions of a Knowledge Management System in a corporate house. 3 + 7 + 5
- 9. Discuss Iterative Waterfall Model and Spiral Model of SDLC.

9 + 6

- 10. a) State the importance of networking in forming the Core Banking System ( CBS ) of a multi-location bank. What do you mean by Real Time Gross Settlement ( RTGS )?
  - b) Write in brief the importance of creating firewall in the banking process. (7+3)+5
- 11. a) What is systems software? Give examples.
  - b) Classify and explain different types of computer languages.
  - c) How can we classify different types of information systems? 5+5+5

4

16003