



Name : .....  
Roll No. : .....  
Invigilator's Signature : .....

**CS / MBA (N) / SEM-2 (PT) / MB-103 / 2011**

**2011**

**MANAGEMENT INFORMATION SYSTEMS – I**

*Time Allotted : 3 Hours*

*Full Marks : 70*

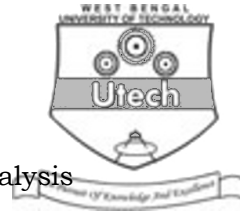
*The figures in the margin indicate full marks.*

*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 any *ten* of the following :  
10 × 1 = 10
  - i) Meta model means
    - a) interative waterfall model
    - b) spiral model
    - c) prototype model
    - d) none of these.
  - ii) Validation testing is performed by
    - a) Alpha test
    - b) Beta test
    - c) Gamma test
    - d) System acceptance test.



- iii) First step in SDLC is
  - a) preliminary investigation and analysis
  - b) system design
  - c) testing
  - d) database design.
- iv) EIS should offer the capabilities to ..... into the data.
  - a) drill down
  - b) drill up
  - c) drill diagonal
  - d) none of these.
- v) ..... is the process of gathering information about what consumers want and need.
  - a) Market research            b) Need research
  - c) People research            d) All of these.
- vi) Layer of OS which is core part of the OS and interfaces with the hardware, is
  - a) core OS                            b) shell
  - c) resident OS                    d) kernel OS.
- vii) Part of the CPU which carries out arithmetic operation is referred as
  - a) CU                                    b) Program counter
  - c) ACC                                    d) ALU.
- viii) Memory between CPU and main memory whose access time is closer to the progressing time of the CPU is referred as
  - a) Cache memory                    b) Ultrafast memory
  - c) Johnson memory                    d) SDRAM.
- ix) Model of SDLC which encompasses all other models and reduces the risk in software development is
  - a) Spiral model                    b) De-risking model
  - c) Prototype model                    d) Evolutionary model.



- x) Decision support system generally used in
  - a) Semi-structured environment
  - b) Structured environment
  - c) Unstructured environment
  - d) Perfect structured environment.
- xi) The global availability of the Internet has fuelled the growth of
  - a) electronic commerce
  - b) new tariffs and tax laws worldwide
  - c) free trade
  - d) the universal use of English language.
- xii) Firewall is a part of
  - a) Computer network      b) Network security
  - c) Internetworking      d) Intranet.

**GROUP - B**

**( Short Answer Type Questions )**

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

- 2. Explain the use of Questionnaire as a fact finding tool during system analysis.
- 3. Make a distinction between *e-commerce*, and *e-business*.
- 4. What are the different types of information system ?
- 5. Examine the purpose of MIS in a business organisation. Outline the limitations of MIS.
- 6. Detail the risks involved in *e-commerce* transactions, and mention any two security measures adopted to minimize them.



**GROUP - C**

**( Long Answer Type Questions )**

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

- 7. a) What is system development ?  
b) Discuss the various phases of System Development Life Cycle.  
c) State few drawbacks of System Development Life Cycle.  
d) What is end-user computing ?  $2 + 7 + 3 + 3$
- 8. a) Describe the layers in the organization and their relevance in MIS.  
b) How is MIS different from DSS ?  
c) What is Mail Merge ? Write down the steps of Mail Merge.  $5 + 5 + 5$
- 9. a) Who is a system analyst ?  
b) Write down the function of a system analyst.  
c) Describe various processes of System Development Life Cycle.  $2 + 3 + 10$
- 10. a) What is system software ? Give example.  
b) Classify and explain different types of language translator.  
c) How can we classify different types of information systems ?  $5 + 5 + 5$
- 11. Write notes on any *three* of the following :  $3 \times 5$ 
  - a) Virus
  - b) Advanced filter in MS-Excel.
  - c) Application of Real Time system in space research.
  - d) Delphi method
  - e) Types of CBIS.

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