



Name :
Roll No. :
Invigilator's Signature :

CS/MBA/FT/SEM-1/MB-103/2012-13

2012

MANAGEMENT INFORMATION SYSTEM – I

Time Allotted : 3 Hours

Full Marks : 70

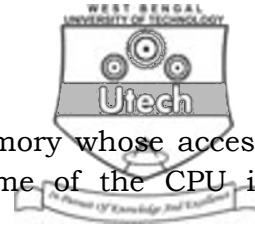
The figures in the margin indicate full marks.

*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) Data in wide area networking is transferred using
 - a) logical link protocol b) packet link protocol
 - c) circuit switching d) packet switching.
 - ii) 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.
 - iii) Part of the CPU which carries out arithmetic operation is referred as
 - a) CU b) Program counter
 - c) ACC d) ALU.



- iv) Memory between CPU and main memory whose access time is closer to the processing time of the CPU is referred as
- a) cache memory
 - b) ultra fast memory
 - c) Johnson memory
 - d) SDRAM.
- v) Model of SDLC which encompasses all other model and reduces the risk in software development is
- a) Spiral model
 - b) Derisking model
 - c) Prototype model
 - d) Evolutionary model.
- vi) Decision support system generally used in
- a) semi-structure environment
 - b) structure environment
 - c) unstructure environment
 - d) perfect structure environment.
- vii) System which supports the process of decision making is
- a) unstructured decision
 - b) decision making
 - c) CBIS
 - d) DSS.
- viii) Router is used in
- a) LAN
 - b) WAN
 - c) VPN
 - d) none of these.
- ix) Concept of tunneling is used in
- a) LAN
 - b) WAN
 - c) VPN
 - d) Firewall.
- x) A checksum or CRC (cyclic redundancy check-sum) used for
- a) data comm. error-detection purposes
 - b) type of networking detection purposes
 - c) application software error detection purposes
 - d) operating software error detection purposes.



GROUP – B

(Short Answer Type Questions)

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

2. What is Trojan Horse ? Mainly what are its classifications ?
3. Define Browser hijacking.
4. Mention the advantages & disadvantages of e-commerce.
5. Differentiate between Internet, Intranet and Extranet.
6. What do you mean by alpha-beta testing ? Differentiate between them.
7. What is the role of operating system in a computer ?

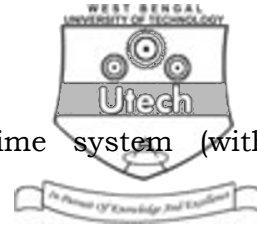
GROUP – C

(Long Answer Type Questions)

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

8. What is a power point presentation ? Where can this be used ? Write all the mandatory dos and don'ts to make a corporate power point presentation. $5 + 4 + 6$
9. Define EDI. Give examples of those industry names where EDI has many applications. Define value added network in the light of EDI. $5 + 5 + 5$
10. a) What is a system ? What are its components ?
b) Describe the different types of systems.
c) Differentiate between TPS, MIS and DSS. $4 + 6 + 5$
11. a) Discuss about the different types of topology in a network. Illustrate using figures and mention their advantages and disadvantages.
b) What do you mean by the term 'Firewall' ? Explain its advantages. $10 + 5$
12. a) What is a real time system ?
b) What are the different types of real time systems ?

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- c) Explain the application of real time system (with examples) in :
- i) Industry
 - ii) Medical care
 - iii) Space research
 - iv) Defense applications. 5 + 5 + 5
13. a) Describe the different e-commerce business models with examples.
- b) Describe the threats to e-commerce and security measures available. 8 + 7
14. a) Compare Waterfall model with Prototyping model. Illustrate with diagrams.
- b) Explain the spiral model with diagram. State its advantages and disadvantages. 9 + 6
15. a) Explain the classification of hardware devices used in a CBIS.
- b) Explain the classification of software. 2 × 7½

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