



Name :

Roll No. :

Invigilator's Signature :

CS/MHA/SEM-1/MHA-105/2010-11
2010-11
INFORMATION TECHNOLOGY

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) Which one of the following shows file size from smallest to largest ?
 - a) Gigabyte, Megabyte, Kilobyte, Byte
 - b) Megabyte, Gigabyte, Kilobyte, Byte
 - c) Byte, Kilobyte, Megabyte, Gigabyte
 - d) Kilobyte, Megabyte, Byte, Gigabyte.
 - ii) Which one of the following describes the content of a database ?
 - a) A collection of files with no particular link
 - b) A collection of data related to another application
 - c) A collection of data related to a particular subject
 - d) A collection of documents.



- iii) Which one of the following describes why firewalls are used ?
- a) To prevent unauthorized access by incoming transmissions
 - b) To prevent destruction of a computer in the event of a fire
 - c) To enable easy downloading of data from websites
 - d) To detect and disable viruses already on a computer.
- iv) Which one of the following is TRUE about E-mail ?
- a) E-mail cannot transmit images as attachments
 - b) E-mail is a low cost way to send and receive messages
 - c) E-mail cannot be infected by computer viruses
 - d) E-mail is a secure way to transmit and store confidential information.
- v) Which one of the following is *not* a common use of a large-scale database ?
- a) Bank account records
 - b) Airline reservation systems
 - c) Driver license records
 - d) Personal address book.
- vi) MIS is an abbreviation for
- a) Market information strategies
 - b) Market intelligence system
 - c) Management information system
 - d) Management information sources.

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6. Write short notes on any *two* of the following :

- a) B2C
- b) B2B
- c) B2G
- d) C2C
- e) C2B
- f) G2C.

GROUP – C

(Long Answer Type Questions)

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

- 7. Define MIS. Explain Functional Perspectives of MIS. Why is MIS used in hospitals ? $2 + 6 + 7$
- 8. a) What do you mean by Networking ? Explain and suggest suitable networking system in a hospital. 6
b) Explain the different types of networking with suitable examples. 9
- 9. What is DSS ? What are the characteristics and components of DSS ? Indicate the goals of DSS. What do GDSS and ESS stand for ? $3 + 5 + 5 + 2$
- 10. What is data warehousing ? What is the difference between OLAP and Data Mining ? Define Metadata, Master data and Transaction data. $2 + 5 + 8$
- 11. a) What is E-commerce ?
b) What are the major benefits and limitations of E-commerce ?
c) What is SAP ?
d) What are the necessary criteria for an effective and efficient networking ? $2 + 6 + 1 + 6$

