



Name :

Roll No. :

Invigilator's Signature :

**CS/MHA/SEM-1/MHA-105/2009-10
2009**

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 of the following :

10 × 1 = 10

- i) is a complete collection of records.
 - a) Table
 - b) Field
 - c) DBMS
 - d) Row.
- ii) Mbps stands for
 - a) Thousand bit per second
 - b) Gigabits per second
 - c) Microbits per second
 - d) Megabits per second.
- iii) is one of the benefits of using a network.
 - a) File Security
 - b) Peripheral Sharing
 - c) Protection from virus
 - d) Both (a) & (b).



- iv) Which type of transaction between companies can be considered a B2B transaction ?
 - a) Any financial transaction
 - b) Buying parts
 - c) Ordering product
 - d) Purchasing stock.
- v) ATM stands for
 - a) Asynchronous Transfer Mode
 - b) Asynchronous Transfer Machine
 - c) Asynchronous Transmission Machine
 - d) Asynchronous Transaction Machine.
- vi) SQL stands for
 - a) Sequence Query Language
 - b) Server Query Language
 - c) Simple Query Language
 - d) Simplex Query Language.
- vii) Data is
 - a) Electronic text
 - b) Processed information
 - c) Facts and figures.
- viii) MAN is
 - a) Metro Area Network
 - b) Metropolitan Area Network
 - c) Neither (a) nor (b).



- ix) Operating System is
- a) Application software
 - b) System software
 - c) Neither (a) nor (b).
- x) Data mining is the
- a) Repository of a organization's stored data
 - b) Sorting of data
 - c) Neither (a) nor (b).

GROUP – B

(Short Answer Type Questions)

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

2. What is Topology ? Write the name of different types of topology.
3. What is DBMS ? What are the main advantages of DBMS in an organization ?
4. What is System ? What are the main components of System ?
5. Write a short note on LAN.
6. Write a short note on SAP.

GROUP – C

(Long Answer Type Questions)

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

7. a) Define Network. Explain the types of Network with suitable example.
- b) What are the necessary criteria for an effective and efficient Networking ? $2 + 8 + 5$

CS/MHA/SEM-1/MHA-105/2009-10



8. a) What is E-Commerce ?
b) What are the major benefits and limitation of E-Commerce ?
c) "One person's data is another person's information." Explain this statement with example. 2 + 6 + 7
9. a) Why do some database professionals favour platform independent DBMS such as Oracle ?
b) What is the difference between Data and Information ?
c) What is OLAP ? Explain. 6 + 4 + 5
10. What is BPO ? Why India is favoured destination ? What are the differences between BPO & KPO ? 5 + 5 + 5
11. What is Decision Support System ? Classify DSS. What are the benefits of DSS ? 5 + 5 + 5
-