



Name :

Roll No. :

Invigilator's Signature :

CS/BHMCT/SEM-1/HM-106/2011-12

2011

APPLICATION OF COMPUTERS

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 × 1 = 10

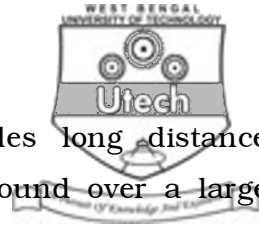
i) What hardware was used by first generation computers ?

- | | |
|----------------|-----------|
| a) Transistors | b) Valves |
| c) VLSI | d) ICs. |

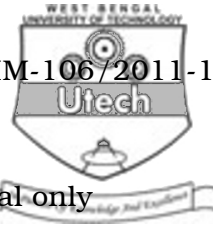
ii) Cache Memory is a

- a) Small & fast memory
- b) Permanent memory
- c) Control memory
- d) none of these.

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- iii) A computer network which provides long distance transmission of data, images and sound over a large distance is
- a) MAN
 - b) WAN
 - c) LAN
 - d) VAN.
- iv) Which of the following can be used as primary memory ?
- a) Cartridge tape
 - b) Optical disk
 - c) Hard disk
 - d) None of these.
- v) The computer as a machine and all other physical equipment associated with it are termed as
- a) Hardware
 - b) Software
 - c) Firmware
 - d) none of these.
- vi) DOS is
- a) Utility software
 - b) Multi-user hardware
 - c) Single-user operating system
 - d) none of these.
- vii) CPU reads the information from secondary memory
- a) Directly
 - b) first, information is transferred to main memory and from there, the CPU reads
 - c) through registers
 - d) none of these.



- viii) Modem is used to
- a) convert digital signal to analog signal only
 - b) convert analog signal to digital signal only
 - c) convert digital signal to analog signal and vice versa
 - d) none of these.
- ix) Main memory is
- a) Volatile
 - b) Non-volatile
 - c) Volatile as well as non-volatile
 - d) none of these.
- x) The command used to add new field to an active database file is
- a) Modify label
 - b) Modify structure
 - c) Modify command
 - d) Modify report.

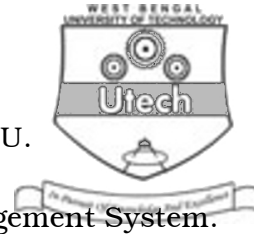
GROUP – B

(Short Answer Type Questions)

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

2. What is microprocessor ? What are the differences between RAM and ROM ? 2 + 3
3. What is GUI ? What is the difference between single user OS and multiuser OS ? 2 + 3
4. What is the difference between Windows explorer and Internet explorer ? What is OLE ? 3 + 2

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5. Indicate the three major components of CPU.
6. Explain the importance of Database Management System.

GROUP – C

(Long Answer Type Questions)

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

7. Draw the block diagram of general purpose computer. Briefly explain its different components. What is magnetic disk ? Explain hard disk, floppy disk and optical disk.

$4 + 3 + 2 + 2 + 2 + 2$

8. Point out the differences between Primary Memory and Secondary Memory. Explain different types of ROM. $9 + 6$

9. Explain the concept of Database. What are the advantages and disadvantages in DBMS ? What is the role of database administrator ? $4 + 6 + 5$

10. How will you include animation in MS Power point presentation ? Draw the client server architecture. What are the functions of a modem ? $5 + 5 + 5$

11. Describe the Network Topology. Give the example of different types of network topology. Explain different types of charts in MS Excel. $2 + 6 + 7$

