



Roll No. _____ To be filled in by the candidate

(For all sessions)

Paper Code	6	8	3	1
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Computer Science (Objective Type)

Time: 20 Minutes

Marks: 15

NOTE: Write answers to the questions on objective answer sheet provided. Four possible answers A,B,C & D to each question are given. Which answer you consider correct, fill the corresponding circle A,B,C or D given in front of each question with Marker or pen ink on the answer sheet provided.

- 1.1. Which operation is not performed by computer?
 (A) Inputting (B) Processing (C) Controlling (D) Understanding
2. A Kilobyte is exactly equal to:
 (A) 1 bytes (B) 100 bytes (C) 256 bytes (D) 1024 bytes
3. A collection of computers connected together is called:
 (A) Processing (B) Network (C) Chatting (D) Centralized system
4. Which of the following is not a networking topology?
 (A) Bus (B) Band (C) Star (D) Ring
5. Select un-guided media:
 (A) Twisted pair cable (B) Co-axial cable (C) Satellite (D) Fiber optic
6. Unicode is a:
 (A) 16-bit Code (B) 32-bit Code (C) 64-bit Code (D) 132-bit Code
7. Typically, an ATM can be used to:
 (A) Keep records (B) Make budgets (C) Watch movies (D) Withdraw cash
8. The order of stack is:
 (A) FIFO (B) LIFO (C) GIGO (D) FIGO
9. Brain of computer that executes a set of instructions is called:
 (A) Bus (B) C.P.U (C) Monitor (D) Register
10. The secret word or number used for protection is called:
 (A) Biometric (B) Backup (C) Password (D) Private word
11. A virus that replicates itself is called:
 (A) Bug (B) Worm (C) Bomb (D) Vaccine
12. Pressing and releasing the left mouse button quickly is called:
 (A) Clicking (B) Dropping (C) Painting (D) Dragging
13. Short cut key for paste is:
 (A) Ctrl+C (B) Ctrl+V (C) Ctrl+A (D) Ctrl+P
14. A formula in MS-Excel is always begin with:
 (A) > (B) = (C) == (D) <
15. Which of the following is an Internet Protocol:
 (A) Ethernet (B) ARC net (C) TC/IP (D) MAC

Roll No. _____ To be filled in by the candidate

(For all Sessions)

Computer Science (Essay Type)

Time: 2:10 Hours

Marks: 60

Section -I

2. Write short answers of any six parts from the following.

2 x 6 =12

- i. Differentiate between Soft copy and Hard copy.
- ii. Why does application software need operation system?
- iii. Enlist any four phases of SDLC.
- iv. What is network protocol?
- v. State the purpose of telecommunication.
- vi. How is data transmitted in asynchronous transmission?
- vii. Differentiate between intranet and extranet.
- viii. What is broadband?
- ix. Define demodulation. Why is it necessary?

3. Write short answers of any six parts from the following.

2 x 6 =12

- i. What is online Education?
- ii. How computer can be useful in weather forecasting?
- iii. Define Desktop Publishing.
- iv. Write down the purpose of A.L.U.
- v. List any two activities performed by control unit.
- vi. Why RAM is called Volatile Memory?
- vii. What is the purpose of Fetch instruction?
- viii. What types of devices are connected using serial port?
- ix. Who is Hacker?

4. Write short answers of any six parts from the following.

2 x 6 =12

- i. What is Plug & Play feature of windows?
- ii. Why a computer system needs an operating system?
- iii. What is Chart?
- iv. Define page orientation in Microsoft Word.
- v. Differentiate between undo and Redo commands.
- vi. Describe alignment in paragraph.
- vii. Enlist four functions used in MS Excel.
- viii. Define Web Publishing.
- ix. What is e-mail address? Give an example.

Section -II

Note: Answer any three questions from the following.

8x3=24

- 5. Define Non-Impact Printers. Also explain Laser Printer and Thermal Printer in detail. 08
- 6. What is Network (Computer Network)? Write in detail types of Network Models (Client server, peer to peer and Hybrid). 08
- 7. What is Unguided Media? Explain Microwave and Communication Satellite. 08
- 8. Define language translator. Explain its different types. 08
- 9. Briefly discuss any four threats or violations to data security. What are the solution to these threats or violations. 08

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