1. VLSI stands for.

    a) Very Large Scale integrated circuit          b) Very Large Scale internet circuit

    c) Very Large Scale internal circuit           d) Very Large Scale input circuit

2. Which part of the computer used for calculating and comparing?
    a)  Control unit          b) ALU          c) Register          d) Memory

3. If a microprocessor has 32 input pins then the number of output pins are.
    a)  8          b) 4          c) 16          d) 32

4. Number of types in BUS:
    a) 5          b) 4          c) 3          d) 2

5. Microprocessor=

    a) CPU+ Register array          b) CU+ALU+ Register array
    c) Input+output+CUP          d) Memory+ALU+CU

6. Which memory can speed up the CPU?

    a) Registers      b) Cache Memory          c) Main Memory          d) Secondary Memory

7. SRAM stands for.

    a) Static Random Access Memory          b) Static Read Only Memory
    c) Secondary Random Access Memory          d) Secondary Read Only Memory

8. Primary Memory is also known as.

    a) Main Memory          b) Secondary Memory
    c) Cache Memory          d) None of the above

9. Number of transistors used in SRAM:
    a) 5          b) 4          c) 6          d) 3

10. 1 KB=

    a) 0 or 1          b) 1024 bytes          c) 1024 bits          d) None of the above

11. Which type of network also known as Intranet?
    a) LAN             b) WAN            c) MAN            d) Network of Netw

12. Which one is modulate and demodulate the signals?
    a) Router         b) Modem         c) Repeater        d) Bridge

13. MAC stands for.

    a) Memory According Control Address        b) Memory Access Control Address
    c) Media Access Control Address            d) Media According Control Address

14. Which device is uses to regenerate the signal over the same network?
    a) Repeater        b) Bridge         c) Hub           d) Switch

15. Which type of network covers geographic areas that are larger, such as districts or cities?

    a) LAN             b) MAN            c) WAN            d) All of these

16. Command for Appends matter to the existing file is _____.

17. Command for Print working directory is _____.

18. Command for displaying past 25 records is _____.

19. Command to check whether the machine is alive or not in network _____.

20. Command for power off the system immediately _____.

## SECTION-B (10 M)
## Descriptive Part

NOTE: Answer any two questions and each question carries five (5) Marks.

1. Explain the characteristics of Microprocessor in detail.
2. What are the components of microprocessor? Explain in detail.
3. Define the following:
    a. Repeater
    b. Router
    c. Hub
    d. Switch
    e. Modem

4. What is Network Topology? Explain at various types of Network topologies.

-----------------------------------------ALL THE BEST-----------------------------------------