

709
October 2016

Time - Three hours
(Maximum Marks: 75)

[N.B: (1) Answer any fifteen questions in PART - A and division (A) or division (B) of each question in PART - B.

(2) Each question carries 1 (one) mark in PART - A and 12 (twelve) marks in PART - B.]

PART - A

1. Define chipset.
2. What is a firmware?
3. What is the use of AGP?
4. Expand PCMCIA.
5. Define multi function printer.
6. List the types of printers.
7. Differentiate LCD and LED display.
8. Define modem.
9. Expand BIOS.
10. Define error and error messages.
11. List any two differences between laptop and desktop.
12. What is meant by partitioning?
13. Differentiate half duplex and full duplex communication.
14. List the uses of MAN.
15. Mention the types of transmission media.
16. Define radio waves.
17. What is meant by IP address?
18. Define token ring.
19. Expand IGMP and SMTP.
20. Expand HTTP and POP.

[Turn over.....

PART - B

- | | Marks |
|--|-------|
| 21. (A) Explain the construction and working of hard disk. | 12 |
| (Or) | |
| (B) (i) Explain the construction of DVD reader/writer.
(ii) Explain briefly about DDR2 and DDR3. | 6+6 |
| 22. (A) (i) Explain about MFP.
(ii) Explain the working principle of LCD. | 6+6 |
| (Or) | |
| (B) (i) Explain the operation of optical mouse.
(ii) Explain the principle and operation of ATX power supply. | 6+6 |
| 23. (A) Explain about OS installation. | 12 |
| (Or) | |
| (B) Draw the layout of laptop and explain the components of laptop. | 12 |
| 24. (A) Explain briefly about network topologies. | 12 |
| (Or) | |
| (B) Elaborate about guided and unguided transmission media. | 12 |
| 25. (A) Elaborate on IP address. | 12 |
| (Or) | |
| (B) (i) Compare 802.3, 802.4.
(ii) Write brief note on HTTP. | 6+6 |