April 2019

Time – Three hours
(Maximum Marks: 75)

[N.B: (1) Q.No. 8 in PART – A and Q.No. 16 in PART – B are compulsory. Answer any FOUR questions from the remaining in each PART – A and PART – B

(2) Answer division (a) or division (b) of each question in PART – C.

(3) Each question carries 2 marks in PART – A, 3 marks in Part – B and 10 marks in PART – C.]

PART – A

1. Write short notes on PCMCIA bus.

2. Write short notes on blue tooth interface.

3. Write short notes on IPL hard ware.

4. Write short notes on battery booster.

5. What do you mean by HAN?

6. What do you mean by router?

7. What are the seven layers of OSI?

8. What is the difference between FTP and telnet?

PART – B

9. What do you mean by formatting?

10. Draw the SVGA port signals.

11. Write short notes on flash BIOS.

12. Give the names and functions of different IC's used in mobile phones.

13. Write short notes on VSAT.

14. What do you mean by OSI model?

15. What do you mean by ARP & RARP?

16. Write short notes on HTTP.

[Turn over.....

PART – C

17. (c) Explain the parts of mother board.

(Or)

(b) Compare main memory, cache memory, DDR2 & DDR3.

18. (a) Explain the operation of DOT-matrix printer.

(Or)

(b) Explain the operation of SMPS with the help of circuit diagram.

19. (a) Write short notes on (i)Standard CMOS set-up (ii)Advanced bios set-up.

(Or)

(b) What do you mean by mobile phone virus and antivirus software? Explain.

20. (a) Compare internet, intranet and extranet.

(Or)

(b) Explain routers.

21. (a) Compare fast internet and giga bit internet.

(Or)

(b) Explain VLSM technique.

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