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BOARD DIPLOMA EXAMINATION, (C-16)

MARCH/APRIL—2021

DECE - FIFTH SEMESTER EXAMINATION

COMPUTER HARDWARE AND NETWORKING

Time : 3 hours]　　　　　　　　　　　　　　　　　[*Total Marks* : 80

PART—A　　　　　　　　3×10=30

Instructions :　(1) Answer **all** questions.

　　　　　　　(2) Each question carries **three** marks.

　　　　　　　(3) Answers should be brief and straight to the point and shall not exceed five simple sentences.

1. List any six features of chipsets.

2. Write any three reasons for popularity of USB ports.

3. State the need for installation of device drivers.

4. List the different types of VIRUSES.

5. Define network topology.

6. State the use of repeater.

7. Differentiate among repeater, switch and bridges.

8. State the purpose of proxy server.

9. List any six features of User Datagram Protocol.

10. State the use of Gateways.

PART—B

Instructions : (1) Answer *any* **five** questions.

(2) Each question carries **ten** marks.

(3) Answers should be comprehensive and criterion for valuation is the content but not the length of the answer.

11. Explain the working principle of LED monitor. 10

12. Explain accelerated graphics port. 10

13. Explain the editing of CMOS setup in detail. 10

14. Draw the TCP/IP reference model and explain the functions of each layer. 10

15. Explain about following :

    (a) Circuit switching 5

    (b) Packet switching 5

16. Explain the working principle of Token ring network. 10

17. Explain the internal architecture of ISP with neat diagram. 10

18. *(a)* Describe about Web browser architecture. 8

    (b) What is meant by remote login? 2

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