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BOARD DIPLOMA EXAMINATION, (C-16)

OCTOBER/NOVEMBER—2023

DCE - 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 specifications of processor.

2.   Write the connector details of USB.

3.   State the use of windows registry.

4.   List any six popular anti-virus software available in market.

5.   List different network topologies.

6.   Define virtual circuit packet switching.

7.   What is the use of SKYWAN?

8.   What is store-and-forward mechanism?

9.   List the features of Transmission Control Protocol (TCP).

10.   What is the function of ISP?

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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 of hard disk and data access.

12. Explain the working of optical mouse.

13. Explain the process of formatting a disk.

14. Explain the functions of different layers of ISO : OSI seven layer reference model with a diagram.

15. Explain UTP and fibre-optic cables with their cross-sectional diagrams and state their use in networking.

16. Explain the features of bluetooth technology.

17. Explain the web browser architecture.

18. Explain remote login process with the help of diagram.

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