4635

BOARD DIPLOMA EXAMINATION, (C-14)
JUNE-2019
DECE - FIFTH SEMESTER EXAMINATION

DATA COMMUNICATION & COMPUTER NETWORKING

Time: 3Hrs   **Max.Marks: 80**

PART-A

10x3=30M

Instructions: 1) Answer all questions Each question carries 3 marks
2) Answer should be brief and straight to the point and shall not exceed five simple sentences.

1) Define computer network and state its use.

2) Define simplex, half duplex and full-duplex communication.

3) What is the use of Bridge in a computer network?

4) State the need for protocols in computer networks.

5) Define the internet and intranet.

6) State the need for Ipv6.

7) List the features of TCp.

8) What is the use of gateways in computer networks.

9) State the purpose of proxy server.

10) List any six HTTP commands.

PART-B

Instructions: 1) Answer any five questions Each questioncarries10marks
2) Answer should comprehensive and they criterion for valuation is the content but not length of the Answer.

11) Draw the OSI 7 layer architecture and explain the function of each layer.

12) Explain the Ethernet frame format. (IEEE 802.3).

13) Explain CSMA/CD.

14) Explain the concept of routers and routing.

15) Explain the internal architecture of ISP.

16) Explain x.25 WAN protocol.

17) Describe ARPANET and WWW.

18) Explain the working of web server.

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