4647

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

INTERNET WORKING WITH TCP/IP

Time: 3 Hours]   [Max. Marks : 80

PART -A

10X3=30M

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

1)   Write any three reasons for internet working

2)   Write a short note on ARP encapsulation.

3)   Write a short note on primary RARP serve.

4)   Explain briefly about internet architecture.

5)   Write short notes on concept of unreliable delivery.

6)   Write short note on reassembly of fragments.

7)   Listr advantages of nest hop routing.

8)   Write a short note on host specific router.

9)   Explain briefly about ICMP.

10) Write a short note on ICMP message delivery.

PART-B

5X10=50M

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

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

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

11) Explain about network level internet services and network level interconnection.

12) Explain about the ARP protocol format.

13) Explain briefly about the following:

    (a) Datagram format.   (5M)

    (b) Datagram type of service.   (5M)

14) Explain datagram size and fragmentation.

15) Write abut the internet datagram options

    (a) Source route option (b) time stamp option   (5+5M)

16) Explain Direct and indirect delivery.

17) Explain handling of incoming datagram

18) Explain error reporting and error correction.

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