UNIVERSITY OF NORTH BENGAL

BCA Honours 4th Semester Examination, 2022

CC8-BACHELOR OF COMPUTER APPLICATION (41)

COMPUTER NETWORKS

Time Allotted: 2 Hours   Full Marks: 60

The figures in the margin indicate full marks.

GROUP-A

Answer any *four* questions   3×4 = 12

1.   What is the difference between internet and intranet?

2.   What is flow control?

3.   What is the function of relays in a switch?

4.   What is critical angle?

5.   What is piggybacking?

6.   What is stuffing?

GROUP-B

Answer any *four* questions   6×4 = 24

7.   Write down different steps of generating checksum.

8.   Explain different functions of data link layer.

9.   Discuss the working of non-persistent CSMA.

10. Explain five classes of IP address.

11. Explain different elements of a protocol.

12. Explain different features of circuit switching technology.

GROUP-C

Answer any *two* questions   12×2 =24

13. Explain different types of non-guided media used in data transmission.

14. Explain CRC with the help of an example.

15. Explain different layers of TCP/IP reference models.

16. Explain the operation of HDLC.

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