उत्तर बङ्ग
विश्वविद्यालय

'समानो मन्त्रः समितिः समानी'

UNIVERSITY OF NORTH BENGAL

BCA Honours 4th Semester Examination, 2023

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 topology?
2. What is character stuffing? Give an example.
3. What is the function of a router?
4. Draw the structure of coaxial cable.
5. Why does congestion occur?
6. Discuss VRC.

GROUP-B

Answer any *four* questions   6×4 = 24

7. Discuss different functions of application layer.
8. Discuss space division switching.
9. Discuss 1-persistent CSMA.
10. Explain packet switching technology.
11. Discuss different types of transmission modes with examples.
12. Explain ring topology with the help of an example.

GROUP-C

Answer any *two* questions   12×2 =24

13. What is guided media? Explain different types of guided media.
14. Explain checksum with the help of an example.
15. Explain TCP/IP reference model.
16. Explain FDM and TDM with the help of examples.

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