



**UNIVERSITY OF NORTH BENGAL**  
B.Sc. Honours 3rd Semester Examination, 2020

**CC7-COMPUTER SCIENCE (33)**

**COMPUTER NETWORKS**

Full Marks: 40

**ASSIGNMENT**

*The figures in the margin indicate full marks.*

- Answer any two Assignments from the following** 20×2 = 40
1. Discuss the functions of various layers in OSI reference model. 20
  2. What is topology? Discuss different types of topologies. Explain the advantages and disadvantages of various types of topologies. 2+10+8
  3. What is media? Explain different types of guided and unguided media. 2+18
  4. Explain CRC with the help of a suitable example. 20
  5. What is switch? Discuss circuit switching technology? Explain different variations of circuit switches. 2+10+8

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