

The University of Burdwan

B.Sc.(H) 3rd Semester Examination, 2020(CBCS)

Paper Name:ComputerNetworks Paper Code:CC-7

Subject: Computer Science

F.M:40

Time:2Hrs.

Answer any *eight* Questions.

5x8=40

1. Explain the functions of Network and Transport layer of the OSI model. 5
2. What are the different types of transmission modes available in Network? Explain briefly.
2+3
3. Differentiate between circuit switching and packet switching. 5
4. Write down the differences among Hub, Switch, and Router. 5
5. Discuss different transmission media in brief. 5
6. Explain CSMA/CD protocol in brief. 5
7. Differentiate between TDM and FDM techniques. 5
8. Write short note on error detection and error correction technique. 5
9. What are IP classes and how can you identify the class of a given IP address? 2+3
10. Explain TCP segment . 5
