

**Faculty of Science****B.Sc (Computer Science) III-Year, CBCS-VI Semester Backlog Examinations, January 2021****PAPER: COMPUTER NETWORKS**

Time: 2 Hours

Max Marks: 60

I. Answer any Three of the following questions

(3x20=60 Marks)

1. What is OSI model? Explain layers in OSI model in detail.
2. What is Multiplexing? Explain Frequency Division Multiplexing (FDM) process in detail.
3. Explain Cyclic Redundancy Check(CRC) mechanism in detail
4. What are the categories of protocols in data link layer? Explain synchronous protocols in detail.
5. Explain duties of Transport layer in detail.
6. Explain addressing and subnet mechanism in network layer.

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