

KLS Gogte Institute of Technology, Belagavi

Department of Computer Science & Engineering
Program: B.E
Course Title: Computer Networks
Max Marks:10

Academic Year: 2023-24
Semester: V[B]
Code: 21CS52
Date of Submission: 16th Jan 2024

Open Assignment-1

1.	What advantage does a circuit-switched network have over a packet-switched network? What advantages does TDM have over FDM in a circuit-switched network?
2.	Is it possible for an application to enjoy reliable data transfer even when the application runs over UDP? If so, how?

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Open Assignment -2

1.	Suppose the information content of a packet is the bit pattern 1110 0110 1001 1101 and an even parity scheme is being used. What would the value of the field containing the parity bits be for the case of a two-dimensional parity scheme? Your answer should be such that a minimum-length checksum field is used.
2.	Why will two ISPs at the same level of the hierarchy often peer with each other? How does an IXP earn money?