

Syntax
Semantics

Term Test 1

Course Code: SWE 313

Course Title: Computer Networking

Department of Software Engineering

Time: 30 min

Total Marks: 20

fault tolerance
security

DA J

1. Describe the four fundamental characteristics of Data communications. 5

2. a. What are the key elements of network protocol? 3

b. State the benefits of using a layered model? 2

3. Draw the graphs of the Manchester and NRZ-I schemes using the following data stream: 5

01001100, assuming that the last signal level has been positive. •

4. Explain the four basic characteristics of a reliable network architecture. 5

12/11/20