



UNIVERSITY OF THE PUNJAB

B.S. 4 Years Program : Seventh Semester – Fall 2021

Roll No.

Paper: Network Management and Administration

Course Code: IT-401

Time: 3 Hrs. Marks: 60

Q.1. Answer the following short questions:

(5x6=30)

- I. Explain the role of System Administrator for smooth network operations?
- II. Why server-based network is Important, explain with proper justification.
- III. Explain the importance of network security for smooth network communication.
- IV. Describe how Web caching can reduce the delay in receiving a requested object?
- V. If a network is unavailable for 60 minutes a year because of network outages, calculate its answer in percentage, mentioned all steps of calculation?

Q.2. Answer the following questions.

(3x10=30)

- i. How we can use subnetting, explain it with real time examples.
- ii. Explain HTTP, SMTP, POP3, and DNS protocols.
- iii. Explain the SSID, Wireless controller, and its importance?