Department of Data Science
Faculty of Computing and Information Technology
University of the Punjab

Quiz 01

Time: 15 mins   **Marks: 14**

<u>**Quiz will be cancelled if any student is found looking at his/her neighbor's paper or writing after the expired time.**</u>

QUESTION # 1

A. Define availability in CIA triad. Mention four threats to availability.   **[2]**

B. Briefly describe the Deep Fake AI attacks.   **[2]**

C. Briefly describe the addressing on the Transport layer, by mentioning the three categories along with their port numbers. Why we need to use port numbers along with IP address of a machine?   **[2]**

D. Give command that you can use to remotely login on Metasploitable 2 machine using ssh protocol. **[1]**

E. Give commands used on client side to connect to mysql server, telnet server and ssh server running on a remote machine.   **[2]**

F. What do you mean by name-IP mapping? How it is performed on a local machine? How the DNS hierarchy work? Mention three commands that you can use for getting an IP address given a domain name.   **[5]**