

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

CC-403 Information Security **BSDSF22 Morning (Term Spring 25)** Student ID: _____

Quiz 02

Time: 12 mins

Marks: 10

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

QUESTION # 1

A. Briefly describe the layered approach of achieving anonymity. **[2]**

B. What `knockpy` and `whatweb` are used for. Give command to show the usage of each. **[2]**

C. Define attack vector? Name six classes of attack vectors discussed in class. **[2]**

D. Mention the `msfconsole` commands in sequence that you will use to perform a scan by running `auxiliary/scanner/ftp/anonymous.rb` script on Metasploitable 2 machine. **[2]**

E. Differentiate between online and offline password attacks. Mention the names of two tools used for each. **[2]**