



# **DIPLOMA IN INFORMATION TECHNOLOGY**

## **CENTRALIZED QUESTION BANK**

**4046651 - Social Networking And Ethical Hacking  
Practical**

**DIRECTORATE OF TECHNICAL**

**EDUCATION GOVERNMENT OF**

**TAMILNADU**

## **DIPLOMA END SEMESTER / YEAR EXAMINATION – 2023**

**Course** : Information Technology

**Subject** : Social Networking And Ethical Hacking Practical

**QP Code** : 4046651

**Time** : 3 Hours

**Date** :

**Session:**

**Max Marks:** 100

### **ANSWER ALL THE QUESTION**

1.     A) Write a Program to create networking nodes using python.  
       B) Write a program to tamper data add-on for website using fire fox
2.     A) Write a program to create networking nodes degree using python.  
       B) Write a program to exploit to attack the host and add the exploit to victims PC using metasploit software
3.     A) Write a program to create edges using python.  
       B) Write a program to perform SQL injection attack using the XAMPP software
4.     A) Write a program to average birth first search using python.  
       B) Write a program to capture network traffic and analysis using wire shark software
5.     A) Write a program to perform the port scanning using N map software  
       B) Write a program to perform the commands for the website analysis in command prompt ping, if config, netstat
6.     A) Write a program to monitoring TCP/IP connection using currports tools.  
       B) Write a program to encrypt and decrypt password using crypt tool software
7.     A) Write a program to create simple key logger using python.  
       B) Write a program to investigate a particular website details by using who is software
8.     A) Write a program to create edges using python.  
       B) Write a program to encrypt and decrypt password using crypt tool software
9.     A) Write a program to perform the port scanning using N map software  
       B) Write a program to exploit to attack the host and add the exploit to victims PC using metasploit software
10.    A) Write a Program to create networking nodes using python.  
       B) Write a program to encrypt and decrypt password using crypt tool software

### **SCHEME OF VALUATION**

Write any one program from PART-A	20Marks
Write any one program from PART-B	25Marks
Executing program (PART-A)	20Marks
Executing program (PART-B)	20Marks
Result with print out (PART-A)	5 Marks
Result with printout (PART-B)	5 Marks
VIVA-VOCE	5 Marks
TOTAL	100 Marks