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**Term End Examination - June, 2018**  
**Post Graduate Diploma in Cyber Security**  
**CSP-016: White Hat Hacking**

Time - 3 hours

Full Mark - 100

*Answer all questions from Group - 'A', any four questions from  
Group - 'B', any four questions from Group - 'C' and any two question from Group - 'D'*

**Group 'A'**  
*(Answer all the questions)*

Mark: 1 × 10= 10

**Q.No.1 (Choose the correct answer)**

- i. Which of the following is a type of program that either pretends to have, or is described as having, a set of useful or desirable features but actually contains damaging code.  
a) Trojans    b) Viruses    c) Worm    d) Adware
- ii. Which of the following best describes a white hat hacking.  
a) security profession    b) former black hat  
c) former gray hat    d) malicious hacker
- iii. What category of software is designed to cause detriment to your computer?  
a) Bugs    b) Malware    c) Systems software    d) Network snakes
- iv. UDP stands for \_\_\_\_\_.  
a) Under Datagram Protocol    b) User Datagram Protocol  
c) Uncontrolled Datagram Protocol    d) Upper Datagram Protocol
- v. Which computer virus records every movement you make on your computer?  
a) Malware Android    b) Key logger    c) DoS    d) Trapper
- vi. What program would you use to gain administrative rights to someone's computer?  
a) Bot    b) Executive Android    c) Rootkit    d) Trojan horse
- vii. What type of hacker was the 16 year-old individual who hacked into NASA networks and downloaded temperature and humidity control software worth \$1.7 billion?  
a) Thrill-seeker hacker    b) Black-hat hacker    c) Script kiddie    d) White-hat hacker
- viii. What is a person called when they try to hurt a group of people with the use of a computer?  
a) White-hat intruder    b) Cracker    c) Social engineer    d) Cyber terrorist
- ix. \_\_\_\_\_ is the art of exploiting the human elements to gain access to un-authorized resources  
a) Organization    b) Social Engineering    c) Hacking    d) Reverse Engineering
- x. What is a rootkit?  
a) A simple tool to gain access to the root of the windows system.  
b) An invasive program that affects the system files.  
c) A Trojan that sends information to an SMB relay  
d) A tool to perform a buffer overflow.

**PTO.**

**Group 'B'**

**Mark: 5 × 4= 20**

**Q.No.2 (Answer any four questions each within 50 words)**

- a) What is cybercrime?
- b) Explain about Open Source Footprinting.
- c) How does DNS work?
- d) What Is Social Engineering?
- e) Discuss about Intrusion Detection?
- f) What is Proxy Firewalls?

**Group 'C'**

**Mark: 10 × 4= 40**

**Q.No.3 (Answer any four questions each within 200 words)**

- a) Explain about the concept of ethical hacking.
- b) Write a short note on Information Gathering.
- c) Discuss about the footprinting threats?
- d) Explain about different type of hacker tools.
- e) What is the different between sniffer and sniffing?
- f) Explain about different Types of Session Hijacking

**Group 'D'**

**Mark: 15 × 2= 30**

**Q.No.4 (Answer any two questions each within 250 words)**

- a) What is cracker? Explain difference between hackers and crackers.
- b) What are the Hacker Methodology? Explain it.
- c) Discuss about System Hacking and different types of system hacking.
- d) What do you mean by SQL Injection? Explain Categories of SQL Injection Attacks.

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