Roll No. ☐☐☐☐☐☐☐☐☐☐☐   Total No. of Pages : 02

Total No. of Questions : 18

B.Tech.(CSE) (2011 Onwards E-I)   (Sem.–6)
ETHICAL HACKING
Subject Code : BTCS-903
Paper ID : [A2311]

Time : 3 Hrs.   Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :
 1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
 2. **SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.**
 3. **SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.**

SECTION-A

Write briefly :

1. What is cross-site request forgery?

2. What is Trojan horse?

3. List down common tools used for ethical hacking.

4. Define Biometrics.

5. What is encryption?

6. Explain ARP Spoofing.

7. What is hashing?

8. Define Socket.

9. Explain pharming and defacement.

10. Explain SQL injection.

SECTION-B

11. "*Biometric is more robust in terms of security*". Justify the quote.

12. Write short notes on :

    a) MAC flooding.

    b) ARP poisoning.

13. Wireless hacking network is poisonous. How?

14. List down the various steps to prohibit website getting hacked.

15. What is cross-site scripting? How it is categorized? Explain.

SECTION-C

16. Explain the concept of encryption along with its various techniques used to make data more secure and robust.

17. List down the relevant differences between :

    a) DNS sniffing and IP Sniffing.

    b) Virus and worms.

18. Write short notes on :

    a) Explain the concept of Denial of Service attack along with its characteristics.

    b) Explain the concept of social engineering along with how it is proved devastating in one's identity theft.