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Total No. of Pages : 02

Total No. of Questions : 18

B.Tech.(CSE) (2012 to 2017 E-I) (Sem.-6)

ETHICAL HACKING

Subject Code : BTCS-903

M.Code : 71112

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

Answer briefly :

- 1) What is vulnerabilities?
- 2) Define DNS.
- 3) What is fingerprinting?
- 4) What is role of 802.11?
- 5) Write a short note on eavesdropping.
- 6) Discuss sniffing attack.
- 7) Write about ARP spoofing.
- 8) What is text clipping?
- 9) Discuss WEP keys.
- 10) Write a short note on Hash Algorithm.

SECTION-B

- 11) Discuss the essential terminology and elements of Security.
- 12) What are the tools used for the reconnaissance phase.
- 13) Define Scanning. Write the phases of scanning.
- 14) Identify the TCP and UDP services running on the target network.
- 15) Give the overview of Wireless DOS attacks.

SECTION-C

- 16) Explain the information gathering methodology of the Hackers.
- 17) How active and passive reconnaissance is used in foot printing technique for gathering information about computer system?
- 18) Define the functioning of following :
 - a) RSA
 - b) Hash Algorithm

NOTE : Disclosure of identity by writing mobile number or making passing request on any page of Answer sheet will lead to UMC case against the Student.