

Roll No.

Total No. of Pages : 01

Total No. of Questions : 08

M.Tech.(IT) (E4) (2015 & Onwards) (Sem.-3)
NETWORK SECURITY AND ETHICAL HACKING

Subject Code : MTIT-304

M.Code : 74155

Time : 3 Hrs.

Max. Marks : 100

INSTRUCTION TO CANDIDATES :

1. Attempt any FIVE questions out of EIGHT questions.
2. Each question carries TWENTY marks.

- Q.1. Explain various types of hackings and what are the advantages and disadvantages of hacking?
- Q.2. Discuss concept of ethical hacking and various phases involved in hacking in detail.
- Q.3. What are the various differences between Active and Passive reconnaissance and explain various tools that are used for reconnaissance?
- Q.4. Explain various types of scanning and what are the common types of port scans?
- Q.5. a) Discuss various prevention methods of password hacking?
b) Write short note on WEP key.
- Q.6. Write difference between Passive and active Sniffing and what are the various types of Active Sniffing Techniques?
- Q.7. Write short note on :
- a) DDoS
 - b) SSH
 - c) Nix
 - d) Botnet
 - e) Root
- Q.8. a) What are the different phases involved in session Hacking?
b) How can we secure our wireless network?

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.