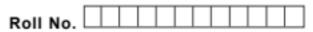


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M.Tech.(IT)(2015 & Onwards)/(CSE Engg.) (2015 to 2017) (Sem.-1) INFORMATION SECURITY

Subject Code : MTCS-103

M.Code: 72631

Time : 3 Hrs.

Max. Marks: 100

INSTRUCTION TO CANDIDATES :

- Attempt any FIVE questions out of EIGHT questions. 1.
- Each question carries TWENTY marks. 2.
- Q1 a) Explain the framework of computer security architecture.
 - b) Discuss the role of Firewalls in Intrusion detection systems?
- Q2 a) What is user authentication? What are advantages of remote based authentication?
 - b) What is Access control and Access Rights? er.com
- O3 Define :
 - a) Kerberos
 - b) PKI
- Q4 a) Write a short note on cryptography tools.
 - b) Write the functioning of DES Encryption Algorithm.
- Q5 Write a short note on following :
 - a) Secure Sockets Layer
 - b) Hash Function
- Q6 What are various issues related to statistics database security?
- Q7 a) Discuss the Malware and its types.
 - b) Explain the phishing attacks. How to overcome these types of attacks?
- Q8 a) Define Payload. What are Payload backdoor and rootkits?
 - b) Give the overview of cloud security issues.

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.

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