Paper / Subject Code: 56303 / Information security

3-Dec-18 1T00143 - M.C.A. (Sem. III)(Choice Based) / 56303 - Information Security. 58799

[3 hours]		[3 hours]	[Marks: 80]	
1	b) At c) At d) At e) Ill	tempt any three from the remaining six questions ssumptions should be made whenever required and should be clearly stated nswers to sub questions should be answered together sustrate answers with diagrams wherever necessary se of Calculators is permitted		
Q1	A	What is information security? Discuss the various principles of network security	10	
	В	Discuss one round structure of the DES	10	
Q2	A	Explain the methods of implementing security on databases	10	
	В	What are the pros and cons of symmetric and asymmetric key encryption? Explain method that adapts the advantages of both the techniques	a 10	
Q3	A	Define message digest . Explain SHA for getting the message digest and compare i with MD5	t 10	
	В	What are web services? Explain and discuss the hierarchy of providing security to tweb services	the 10	
Q4	A	Explain Kerberos as a third party authentication service.	10	
	В	What are the objectives of SET? Explain how are the objectives achieved	10	
Q5	A	Explain the WEP and WEP 2 used in the IEEE 802.11i standard.	10	
	В	Explain the various implementations of Firewalls	10	
Q6	A	Write short notes on any four of the following a) KDC b) Modes of Encryption c) TLS d) DDoS e) Reflection attack	20	
300	3	******		

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