



14 (a)	Explain the architecture of the authentication service Kerberos.	16	CO4	U	U
Or					
14.(b)	Compare Transport mode and Tunnel mode operation in IPsec. Choose the best mode which will be suitable for virtual private network. Give your comments	16	CO4	U	U
Or					
15 (a)	Discuss the need of firewall for computer networks. Describe various types of firewalls in detail.	16	CO5	U	Ap
Or					
15.(b)	Consider the following fragment: legitimate code if data is Friday the 13th; crash_computer(); legitimate code Identify the type of malicious software from the above code. Describe the various malicious programs and classification of viruses.	16	CO5	U	Ap

Sl. No.	Cognitive Level	Code	Order	% in Question Paper
1	Remember	R	Lower Order	84%
2	Understand	U		
3	Apply	Ap		
4	Analyze	An	Higher Order	16%
5	Evaluate	E		
6	Create	C		