Semester Examination – *March 2017*
BCA SEM - VI
Paper No. 605 – Cryptography and Network Security
Subject Code: 3467

Duration: 2:30 hrs   Total Marks: 70

Q-1	(A)	Differentiate Public Key and Private Key.	[07]
Q-1	(B)	Write a short note on Symmetric & Asymmetric cipher model.	[07]
		OR	
Q-1	(A)	Explain Play Fair Cipher Technique with suitable example.	[07]
Q-1	(B)	Write a short note on Steganography.	[07]
Q-2	(A)	Explain OSI Network Security architecture in detail.	[07]
Q-2	(B)	Write a note on Security Attacks in detail.	[07]
		OR	
Q-2	(A)	Write a detail note on Security Services.	[07]
Q-2	(B)	Explain Security Mechanism.	[07]
Q-3	(A)	Write a short note on Bridge.	[07]
	(B)	What is an IP Security? Explain its Pros and Cons.	[07]
		OR	
Q-3	(A)	Explain application of IP Security.	[07]
Q-3	(B)	How S/MIME works? Explain in detail.	[07]
Q-4	(A)	Write a detail note on Switch.	[07]
Q-4	(B)	what is Network Hardening? Explain in detail.	[07]
		OR	
Q-4	(A)	Write a note on Centralizing Account Management.	[07]
Q-4	(B)	Explain Router in detail.	[07]
Q-5	(A)	Write a note on Bastion Host.	[07]
Q-5	(B)	what is Firewall? Explain functions of it in detail.	[07]
		OR	
Q-5	(A)	Write a note on Virtual Private Network.	[07]
Q-5	(B)	Explain Wireless Network Security in detail.	[07]