http://www.rgpvonline.com					OD.
Roll No			OR		
IT-801			4.	a)	What is an elliptic curve and what is zero point on elliptic curve?
B.E. VIII Semester				b)	Explain Digital signature standards in brief. 10
Examination June, 2013					Unit - III
Information Security			5	a)	What are the problems associated with clean text
Time: Three Hours			4.	/	passwords? 10
Maximum Marks: 100 Minimum Pass Marks: 35			b)	How does one prevent the misuse of another user's certificate in certificate based authentication?	
					OR
Note:		ual marks. Attempt any question	6.	a)	Explain the Security handshake pitfalls?
	from internal choice.	ROSTON, NEWDM		b)	What is Kerberos? How does Kerberos work? 10
				,	Unit - IV
		it - I	7.	a)	Explain SQL injection. Why is this for Web attack only?
1. a)		etween passive and active security		/	10
b)	How many keys are required for two people to communicate via a cipher?			b)	How is a circuit gateway different from application gate way.
				OR	
2	OR		8.	a)	What is phishing? How to avoid phishing attacks? 10
2. a)		can encrypt and decrypt using lso known as additive cipher. 10		b)	What are the Firewalls? How Firewall guards corporate networks?
b)	*	d design choices determine the			Unit - V
		istel cipher? What is the purpose	0		
	of the s-boxes in DES?		9.	a)	What are the Hardware and software requirements? Classify them into various cryptographic services. 10
		t - II		les \	Give difference among viruses, worms and malwares. 10
3. a)	What is the difference between modular arithmetic and ordinary arithmetic? List three classes of polynomial arithmetic.			0)	OR
			10	(a)	Why would leased line as a better approach than VPM?
b)		egories of applications of public-			10
	key crypto systems?	10		b)	List the characteristics of a good firewall implementation.
IT-801	http://www.rgp	vonline.com PT()	1T-	801	****