QP CODE: 362002

otal N	larks:	100	J
)	tal N	tal Marks:	tal Marks: 100

N.	В.:	(1) Question No. 1 is compulsory.	12 12 B
		(2) Attempt <u>any four</u> from <u>Question Nos. 2 to 7</u> .	
		(3) Make <u>suitable assumptions</u> wherever necessary and <u>state the assumptions</u> m	aue.
		(4) Answers to the <u>same question</u> must be <u>written together</u> .	
		(5) Numbers to the <u>right</u> indicate <u>marks</u> .	726
		(6) Draw <u>neat labeled diagrams</u> wherever <u>necessary</u> .	0 6 F
		(7) Use of Non-programmable calculators is allowed .	300
1.	a.	Write a note on 'Social Engineering'.	5
	b.	Write a short note on protocol failure.	5
	c.	What is the key wrapping? How it is useful?	5
	d.	Explain Life cycle of Virus.	5
2.	a.	What is the stealing password and what are the ways to maintain password?	8
	b.	What Firewalls cannot do?	6
	c.	Explain IP Spoofing and IP Sniffing in detail	6
	C.	Explain it Spooting and it Similar in detail	U
3	a.	What are the different threats to Security? Explain.	8
	b.	What are WORMS? How do they work? Explain what preventive measures can be taken to avoid WORMS.	6
	c.	Differentiate between active attacks and passive attack.	6
4	a.	Explain Circuit Gateway in detail.	8
4	a. b.	Explain in detail different types of viruses.	6
	c.	Write a note on Filtering TELNET services.	6
	C.	write a note on Phtering TELINET Services.	U
5	a.	Explain Diffie Hellman Key Exchange Algorithm with example.	8
	b.	Write a note on Incident Handling.	6
	c.	What do you mean by security policy? Who should be involved when forming policy?	6
6	a.	Explain with example how RSA Algorithm works.	8
	b.	Write a note on Exponential Attack.	6
	c.	Explain how Vernam cipher works? Give example.	6
7	a.	What are 'Bugs' and 'backdoors'? What prevention mechanisms can be used for them?	8
	b.	Write a note on Distributed Denial of Service Attack.	6
	c.	State and explain different Security Models.	6
