II sthalf-09-nklG-281 http://www.bowtoexam.com			
Con. 5454-09. B.E. CID Sem VIII Information Security SP-6947			
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(3 Hours) [Total Marks : 100			
T	10	17/12/09	
N.B.	.: (1)	Question No 1 is compulsory	
	(2)	Attempt any four questions out of remaining six questions. 10-30 to 13	Za
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	(4)	Draw neat diagrams wherever necessary.	
1.	(a)	Distinguish betwen vulnerability, threat and control.	10
		Explain in detail the steps in risk analysis.	10
2.	(a)	What are covert channels and how are they created ? In which cases problems	10
	(b)	are created in covert channels ? Explain what is spoofing ? Write about different types of spoofing techniques.	10
	(0)	Explain what is spooling ? White about different types of spooling techniques.	10
3.	(a)	Discuss the similarities and differences between signature based IDS and	10
		heuristic based IDS. What are the limitations of IDS ?	
	(b)	Compare different separation methods used as a basis for protection in OS.	10
		State their uses and advantages.	
4	(a)	Compare the two encryption strategies-Link and end-to-end encryption used	10
	()	as tools for network security, from all view points.	10
	(b)	Explain the role of Kerberos for supporting authentication in distributed systems.	10
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. 5.	· · · · ·	Discuss the design of multilevel secure databases. What is the Denial of service (attack)? What is the meaning of the term	10
	(D)	'service' in DOS ? What can possibly prevent DOS attacks ?	10
		that ball pools, proton bee attacket	
6.	(a)	List majority security threats dealt with each level of OSI protocol stack.	10
	(b)	What is targeted malicious code? Write in brief about trap door and Salami	10
		attack.	
7. Write short notes on any two of the following : 20			
		(a) PGP and MIME	
		(b) SSH	
		(c) Virtual private networks	
		(d) D-DOS (Denial of service)	

Board exam question paper, sample paper, model paper, to read and download