QP Code: 6369

80

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	(Time: 3 Hours)	Marks:
Note:		
Question No.1 is compulsory.		10
2. Attempt any 3 out of the remaining	ng questions.	
Q.1 (a) Consider an online Voting System. system identify vulnerability, threat	People will cast their votes through the internet.	For this (05)
William Control of the Control of th		
(b) Differentiate between Multilevel a	nd Multilateral security with the help of example.	(05)
(c) Explain different types of malicious	attacks.	(05)
(d) Differentiate between SSL and IP Se	ec protocols a2zSubjects.com	(05)
Q.2 (a) Explain Needham Schroeder Authe	ntication Protocol.	(10)
(b) What is Digital Signature? Explain	how it is created at the sender end and retrieved	at receiver
end. Differentiate digital signature	from digital certificate.	(10)
Q.3 (a) Explain non malicious program erro	ors with the help of examples.	(10)
(b) What is Digital Right management?	Explain DRM in Real world.	(10)
Q.4 (a) Explain the role of Firewall in secur	ing a network. Describe different types of Firewal	(10)
(b) Explain secure Email and S/MIME.		(10)
Q.5 Explain the technique behind following	g attacks:	(20)
(a) ARP spoofing		
(b) Packet Sniffing		
(c) Session Hijacking		
(d) Cross-site request forgery		
Q.6 Write Short note on:	×	(20)
(a) Windows Vulnerabilities		
(b) Access control policies	S4	
(c) Linearization attack	*	
(d) Distributed Denial of Service attack		
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Q.P. Code: 6411

,	REVISED	COURSE	a2zSubjects.com	1
	(3 HOU		[TOTAL MARK	S:80]
N.B.	1.Question 1 is compulsory			
	2. Attempt any three question out	t of the rema	ining five question.	
			*	~ (
				00,
Q.1(a	 Define Buisness intelligence and examples 	d decision su	pport systems with	10
(F	 Explain Data mining as a step in typical Data Mining system. 	n KDD. Give	e the architecture of	10
Q.2 (a) Explain BIRCH algorithm with	example	· 60°	10
(t) Explain different visualization t	echniques th	at can be used in da	ata
	mining	4	reals.	10
	a) Explain Multilevel association b) Define classification, issues of			10
	classification with example	150		10
Q.4(a) Why is Data Preprocessing requ	ired? Explai	n the different steps	3 -
	involved in data preprocessing	-1		10
(b) What is text mining? Explain	lifferent app	roaches to text mini	ing 10
			a2zSubjects.com	
Harris and the second second	a) Explain Buisness Intelligence Is	ssues		10
(1	b) What is clustering? Explain k-1 the data for clustering {2,4,10			pose
	Consider k=2, cluster the given	data using a	bove algorithm.	10
Q.6(a) Explain sequence mining in Train	nsactional da	ntabases	10
(b) Design a BI system for fraud de	tection by de	escribing all the step	os
	from Data Collection to Decision	1 Making		10

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