Sketch the architecture of virtual private database and brief the steps used in the implementation.	10	2	4	1
(OR)				
	10	2	3	1
Demonstrate the syntax that are present in trigger creating with an example code in oracle.	10	2	5	4
(OR)				
	10 -	2	5	4
Interpret the merits and demerits of randomization method used in privacy preserving data mining.	10	2	6	1
(OP)				
	10	2	6	1
	(OR) Compare the characteristics of application security models. Demonstrate the syntax that are present in trigger creating with an example code in oracle. (OR) Demonstrate the tasks involved in auditing server activity with SQL server 2000? Interpret the merits and demerits of randomization method used in privacy preserving data mining. (OR) Analyze the various data mining techniques used for privacy preservation	in the implementation. (OR) Compare the characteristics of application security models. Demonstrate the syntax that are present in trigger creating with an example code in oracle. (OR) Demonstrate the tasks involved in auditing server activity with SQL server 2000? Interpret the merits and demerits of randomization method used in privacy preserving data mining. (OR) Analyze the various data mining techniques used for privacy preservation 10	in the implementation. (OR) Compare the characteristics of application security models. 10 2 Demonstrate the syntax that are present in trigger creating with an example code in oracle. (OR) Demonstrate the tasks involved in auditing server activity with SQL server 2000? Interpret the merits and demerits of randomization method used in privacy preserving data mining. (OR) Analyze the various data mining techniques used for privacy preservation 10 2	in the implementation. (OR) Compare the characteristics of application security models. 10 2 3 Demonstrate the syntax that are present in trigger creating with an example code in oracle. (OR) Demonstrate the tasks involved in auditing server activity with SQL server 2000? Interpret the merits and demerits of randomization method used in privacy preserving data mining. (OR) Analyze the various data mining techniques used for privacy preservation 10 2 6

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Note:			(Tit-	- II			
(i)					vithin first 40 minutes and OMR shee	t shoul	ld be	han	ded
			to hall invigilator at the end of 40						
(ii)		Par	t - B should be answered in answer	r bookle	t.				
m·	0.1	/ **		7 22		340	3.6	1	7.
Time	: 25	/2 H0	urs			Max.	Ma	rks:	75
90			PART – A (25 × 1	1 = 25]	Marks)	Marks	BL	со	PO
			Answer ALL						
	1.				nation is accurate, consistent and	1	1	1	1
			Confidentiality	(B)	Integrity				
		` '	Availability	(D)	Compilation				
		(C)	Availability	(D)	Compilation				
- 50	2.	A kı	nown security gap that a compa	any inte	entionally leaves open	1	1	1	1
			Security risk		Security threat				
		(C)	Security vulnerability	(D)	Security mistake				
						1		1	
	3.		iness reputation and quality bel	_		1	1	1	1
		, ,	Physical asset	` '	Logical asset				
		(C)	Intangible asset	(D)	Human asset				
	4.	A te	chnique that enables two parti-	es to ex	change information over an open	1	1	1	1
		netv	ork by assigning a unique key	called	ticket to each user.				
		(A)	Kerberos	(B)	Netscape				
		(C)	Smart card	(D)	Audit				
	5	Whi	ch of the following support	s non-	structure problems and provide	1	1	2	2
			vers to solve the problem?		Processing Processing				
			Decision support system	(B)	Transaction system				
		(C)	Expert system	(D)					
		(-)	r - J	()					
	6.	The	SQL command rem	oves u	ser access rights or privileges to	1	1	3	1
		the	database objects.						
		(A)	Grant	(B)	Table				
		(C)	Access	(D)	Revoke				
	7	Λα	uidalina that indicates how le	ong the	password can be used before it	1	1	3	1
	/·	expi		ng uic	password can be used before it				
		_	Password storage	(B)	Password usage				
		(C)	Password aging		Password complexity				
		(-)		()	1				

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	8.	obje (A)	cts are stored in the Global	_ table spac (B)	System	1	1	3	1
		(C)	External	(D)	Client				
	9.		clause allows as t		e maximum amount of space the	1	1	3	1
		(A)	Account	(B)	Global				
		(C)	Password	(D)	Quota				
	10.	Pass	word and are the t	wo aspects	of a profile in oracle.	1	1	3	1
			Resources	~	Policies				
		` '	Privilege	` ,	Data objects				
	11.		onceptual model that speci	ifies the rigl	nt that each subject possesses for	1	1	4	2
			MIS model	(B)	Business logic model				
			Access matrix model	* *,	Trigger model				
	12.		· _	the subject	to grant the grant privileges to	1	1	4	2
			r subjects.	(D)	Count				
			Delegate	` ,	Grant				
		(C)	Revoke	(D)	Abrogate	- 1			
	13.		omponent that contains all er architecture.	the codes re	elated to data validations in client	1	1	4	2
		(A)	User interface componen	t (B)	Business logic component				
		(C)	Data access component	(D)	Scaling power component				
	14.		nared database schema con user can view or manipul	•	a that belongs to many users and	1	1	4	1
		(A)			Data warehouse				
		(C)	Application context	` /	Virtual private database				
		,				1	,	4	2
	15.		ser who owns the application	and the second s		1	1	4	2
			Application owner		-				
		(C)	Application administrator	r (D)	Virtual user				
	16.	polic	cies of the company.		tion is working according to the	1	1	5	1
			Product audit	` ,	Financial audit				
		(C)	Security audit	(D)	Operational audit				
	17.	auto	matically based on the occ	currence of e		1	1	5	1
		` '	External audit	` '	Trigger				
		(C)	Data definition audit	(D)	Integrity check				
	18.		ch of the document that ared in a chronological man		activities that are being audited	1	1	5	1
			Audit log		Legal document				
		` '	Performance log	• •	Survey table				
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			•			
19.	When audit process gets over of a spe following command is used to turn off with		1	1	5	1
	(A) Delete audit (B)	No audit				
	(C) Stop audit (D)	Off trigger				
20.	A classification of audit that is conduct	ted by a staff member of the	1	1	5	1
	company being audited.					
	(A) External audit (B)	Hybrid audit				
	(C) Automatic audit (D)	Internal audit				
21.	A technique for privacy preserving data m the data to mask the attribute values of reco	_	1	1	6	1
	(A) Randomization method (B)	Articulation method				
	(C) Matrix method (D)	Inversion method				
22.	In which of the following models, the grathe use of techniques such as generalization		1	1	6	1
	(A) k-anonymity (B)	Group perturbation				
	(C) Data compression (D)	Matrix model				
23.	A method in which the values across differ to perform privacy preservation.	ent records are swapped in order	1	1	6	1
		Data complement				
		Data mining				
24.	In this attack, all the values for a sensitive records are the same	ve attribute within a group of k	1	1	6	1
	(A) Suppression attack (B)	Homogeneity attack				
	(C) Heterogeneity attack (D)	Block attack				
25.	Many privacy preserving data mining meth in the presence of public information		1	1	6	, 1
	(A) Auditing (B)	Data publishing				
		Curse of dimensionality				
	$PART - B (5 \times 10 = 50 M)$	(Jarks)	Marks	BL	СО	PO
	Answer ALL Questio					
26. a.	Sketch the typical use of system application and interpret the characteristics of information		10	2	1	1
b.	(OR) Demonstrate the components of information	on security architecture.	10	2	1	1
27. a.	Examine the various clauses involved in cr	eating a user with oracle.	10	2	2	2
b.	(OR) Highlight the importance of password polinvolved in designing and implementing pa		10	2	2	2

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