DBMS

1.	A constraint showing the maximum number of entities that can occur on a side of a relationship is called the						
	a)Degree	b) Maximum Cardina	lity	c) Instance	d) None of the above		
2.	The number of entities participating in the relationship is known as the						
	a)Maximum	Cardinality	b) Cor	nposite Identifi	ers		
	c)Degree		d) No	ne of the above			
3.	A relationship among entities of the same class is called a						
	a)Binary Rela	_		ak Relationship			
	c)Recursive I	•		ne of the above			
4.	An M:N relationship is decomposed into						
4.				1 relationship :	and a 1:M relationship		
	a)two 1:1 relationships c) two 1:N relationships			b) a 1:1 relationship and a 1:M relationshipd) None of the above			
	c, two in to	idionships	a) No	ne of the above			
5.	Descriptive attributes are used to						
	a. Record information about participating entities						
	b. Record information about relationships						
		nformation about data					
		nformation about attribu	ites				
	a. Record		1				
6.	The relation ship between owner entity set and the weak entity set						
	a. many to	many relationships	b) rec	ursive relations	hips		
	b. Ternary	relationships	d) No	ne of the above			
7.		tios are used in					
	a) Unary rela			ary relationship			
	c) Ternary re	lationship	d) No	ne of the above			
8.	E-R model is u						
	a) Logical de	· ·	-	ary relationship			
	c) Ternary re	elationship	d) No	ne of the above			
9.	A minimum cardinality of Zero specifies						
	a)No particip	oation	b) Par	tial participatio	n		
	c) Ternary re	elationship	d) No	ne of the above			
10.	What is not true about weak entity						
	a) They do not have key attributes						
	b) They are the examples of existence dependency						
	c) Every existence dependency results in a weak entity						
	d) Weak entity will have always discriminator attributes.						
11.	-	ABCD with AB as primary			R in 1NF but not in 2NF		
	a)AB-> C	b) AB-> D	c) A->		s-> CD		

12. R = ABC with FE a) B is not a key	D B-> C; if A is a candic for R b) B is a key	late key for R, und for R c) C i						
13. Decomposition a) XZ-> YZ = X- c) X-> YZ = X->	>Y	b) X->Y, Y->Z d) X-> Y, WY-	= X->YZ >Z =W X->Z	e) none				
14. A Relation R is having five attributes (ABCDE), with the following instance {(a,2,3,4,5), (2,a,3,4,5), (a,2,3,6,5),(a,2,3,6,6)}. Which of the following FDs or MVDs cannot be inferred from the above instance.								
a)A->BC	b) BC-> -> D	c) C-> DE	u) CD	- <i>></i> - <i>></i> E				
15. Every binary re a) BCNF b) 3NF	lation is inr c) 4		d) PJNF	e) none				
16. Consider the set of Fractioned Dependency F = { PQ-> R, P->Q, S->PQ, S-> T} G = { P->QR, S->PT} Which of the following is true. a) F covers G b) G covers F c) F&G are equivalent b) Cannot say e) none								
17. R (ABCD) is a relation. Which of the following doesn't have either loss less join or dependency preserving BCNF decompositions.								
a) A->B, B->	>CD	->C, C->D						
c) A->BC, C	c) A->BC, C->D d) AB->CD, C->A							
18. The following four tuples in a relation R with three attributes ABC: (1,2,3), (4,2,3),(5,3,3),(5,3,4). Which of the following functional and multi valued dependencies can you infer does not hold over relation R.								
·	b) BC -> -> A		d) B-> -> C	e) none				
19. A relation R (ABCDEF) with Fd set F = {ABC->DE, BC->D, E->F} and is decomposed into BCNF. Then find the no. of foreign keys in decomposed relations.								
a) 3	b) 4	c) 2	d) 1	e) none				
20. What is the normal form of above relation?								
a) 1NF	b) 2NF	c) 3NF	d) BNF	e) none				