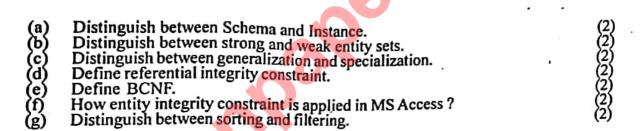
DATABASE MANAGEMENT SYSEM - B

Time Al	lowed	: 3	Hrs.			kimum iviarks : /u	
Not	e: At	temi	ot ONE question	each from Sections A	A, B, C and D carry	ing 14 marks each.	
Section I	is co	mni	Isory consisting	of 7 short answer type	questions carrying	2 marks each.	
Decilon I	J 15 CO	pc	noory consisting	(SECTION-A	N.		
1.	Defi	ne T	Natahase Manage	ment System, What	are the advantages	of using database	
1.		Define Database Management System. What are the advantages of using database approach? Explain. (14)					
2							
2.	` '						
	(b)	De	tine and distingui	SII DELWEEN FIIYSICAL A	ilu Logicai data ilidi	pendence. (7)	
-				(SECTION-B	,	(14)	
3.	Discuss in detail the ER model. What are the different types of keys in database? Explain. (14)						
4.	Wha	t are	the different type	es of keys in database	? Explain.	(14)	
				(SECTION-C)		
5.	Cons	ider	the following rela	tions and write the rela	ational algebraic exp	ression for the given	
	queri	es:		10 N N N N N N N N N N N N N N N N N N N			
Clas		:	Class Code	Class Name	Class Teacher	•	
	lent	:	Roll No.	Name	Class Code	70.	
	cher		Teacher No.	Name	Qualification	Area of Interest	
	ject	•	Subject Code	Subject Name	Class Code	Teacher	
		:	Buojest Bear				
Queries: (a) Find the class teacher of class of student whose rollnum is 1001.							
(a) (b)	(b) Find the areas of interest of teachers who teach class 'BSc'.						
\ <u>\</u>	(c) Find subjects which teacher named 'James' teaches.						
757	(c) Find subjects which teacher named 'James' teaches. (d) Find rollnums and Names of students to whom teacher named 'SMD' teaches. (14)						
(a)	6. (a) What are the problems of bad database design? Explain. (7)						
6.	(a) (b)	WII	at are the proofer	different types of dept	endencies	>4<	
	(D)	Dis	cuss in detail the	(SECTION-D	\	(7)	
_		• .	14	es implemented in MS	Access 2 Evaloin of	uing avample (14)	
7.	How	integ	grity constraints a	re implemented in MS	Access r Explain gi	ving example. (14)	
8.	How	tom	is and reports are	created in MS Acces	s r Explain.	(14)	
		٠.	Cut	(SECTION-E))		
9.	Write	sho	rt answers of the	iollowing:		10	



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