	(3 Hours		[Total Marks	: 80	
N	 N.B.: (1) Question No. 1 is compulsory. (2) Solve any three questions out of (3) Figures to right indicate full man (4) Assume suitable data where nec 	rks.	FRI STANKO KANGE		
			Street Street		
Q1. <i>A</i>	. Attempt All questions			20	
	(a) Discuss the various DDL Command	- N	Str. Alexander		
	(b) Discuss select, where, order SQL C				
	(c) Differentiate between ER and EER	(A) =	d of normalization in		
	(d) What is Normalization in the databated details?	ise, Discuss the nee	u of normalization in		
	details!				
Q2.					
Q2.	(a) What is JDBC, why one should use J	IDBC in Database d	iscuss.	10	
	(b) Discuss functions, procedure and cur		257	10	
			10g/ 35/		
Q3.		The state of the s			
	(a) Draw EER diagram for Hotel mana	gement System	50, 50	10	
	(b) Write relational algebra query for (a	Assume data wherev	ver needed)		
	(i) Find names of students who live in			03	
	(ii) Find Roll_no of student whose nan	ne is 'Sachin' from	student Table	03	
	(iii) Find name of students whose mark	s are greater than 50	00.	04	
	A SO DO DE				
Q4.	(A)	5	£0,		
		(a) Explain different type of attributes with example in Entity Relational Model 1			
	(b) Write SQL Syntax for (Assume on		- 440	10	
	(i) Create course table (course_id,nan				
	(ii) Create student table (sid,name,pho	ne_number,course_	id) with course_id as		
	foreign key.	1 66			
	(iii) Arrange courses in descending ord		I C		
	(iv) Find name of course student name 'John 'has enrolled for.(v) List down names of all students whose course duration is less than 12 weeks				
	(v) List down names of an students wi	nose course duration	11 IS IESS than 12 weeks		
Q5.					
QJ.	(a) Explain various relational Algebra of	onerations in details	with examples	10	
	(b) Discuss how normalization process		-	10	
	(b) Discuss now normalization process	Mproves the datas	ase design in detail.		
Q6.	Write short note on			20	
\$5)	(a) Count and group by in SQL.				
	(b) Integrity Constraints.				
	(c) Primary key and Foreign key				
	(d) Strong entity set.				

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