

GUJARAT TECHNOLOGICAL UNIVERSITY**Diploma Semester -III Regular / Remedial Examination December - 2010****Subject code:335405****Subject Name: computer-iii****Date: 31 / 12 / 2010****Time: 10.30 am – 01.00 pm****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. English version is Authentic

Q.1	What is DBMS? Explain the classification of DBMS.	14
Q.2	(a) Write short note on Data Models.	07
	(b) Explain about Data base languages.	07
	OR	
	(b) Why database management system is better than paper base system.	07
Q.3	(a) Explain tools of Oracle.	07
	(b) Explain basic data types of SQL.	07
	OR	
Q.3	(a) Write SQL Queries for the following:	
	1. To select records	02
	2. To Display structure	02
	3. To Delete records	03
	(b) Explain SQL CONSTRAINTS.	07
Q.4	(a) Explain following commands.	
	1. CREATE	02
	2. RENAME	02
	3. MODIFY	03
	(b) Write short note on SQL operators.	07
	OR	
Q. 4	(a) Explain Aggregate functions.	07
	(b) Explain Transaction control Language.	07
Q.5	(a) Explain join.	07
	(b) Explain PL/SQL block using example.	07
	OR	
Q.5	(a) Explain following SQL functions	07
	(i) MIN (ii) LPAD (iii) POWER	
	(b) Explain following SQL functions	07
	(i) SUBSTR (ii) SQRT (iii) MAX (iv) LTRIM.	
Q.1	(a) DBMS V[8, [X]\m DBMS G] JUL"SZ6 ;DHFJMP	14
Q.2	(a) Data Models.5Z 8}\S GM\W ,BMP	07
	(b) Data base languages sEFØFf lJØ[H6FJM.	07
	VYJF	
	(b) Database management system paper base system. SZTF S[D ;FZL U6FI K[Pm	07

Q.3	(a)	Oracle. GF 8] <; H6FJMP	07
	(b)	SQL DF\ basic data GF ÝSFZ H6FJMP	07
		VYJF	07
	(a)	GLR[GF DF8[SQL Queries , BM:	
		1. records select SZJF	02
		2. structure display SZJF	02
		3. Records delete SZJF	03
	(b)	SQL CONSTRAINTS. ; DHFJMP	07
Q.4	(a)	GLR[GF commands. . ; DHFJM	
		1. CREATE	02
		2. RENAME	02
		3. MODIFY	03
	(b)	SQL operators.5Z 8}\S GM\W , BMP	
		OR	07
Q. 4	(a)	Aggregate functions. ; DHFJMP	
	(b)	Transaction control Language. ; DHFJMP	07
Q.5	(a)	Join . ; DHFJMP	07
	(b)	PL/SQL block pNFCZ6 ; FY[; DHFJMP.	07
		OR	
Q.5	(a)	GLR[GF SQL functions[; DHFJMP	07
		(ii) MIN (ii) LPAD (iii) POWER	
	(b)	GLR[GF SQL functions[; DHFJMP	07
		(ii) SUBSTR (ii) SQRT (iii) MAX (iv) LTRIM.	
