

Seat No \_\_\_\_\_

**T.Y.B.C.A. Examination**  
**RDBMS and Client Server Programming (303)**  
**March/April-2015**

**Time 3.00 Hrs**

**100 Marks**

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**Q-1**                      **Answer the following question (Any 10)**                      **20**

1. Define : Primary key
2. What is entity?
3. What is cursor?
4. What do you mean by 'Synonym'
5. Define: check constraints
6. Differentiate char and varchar datatype
7. What do you mean by predicates
8. Define : DBWn
9. Define : Hash Cluster
10. Explain SUM() function
11. Explain function of CKPT
12. What do you mean by DUAL Table

**OR**

**Q-1**                      **Answer the following question (Any 10)**                      **20**

1. Define : foreign key
2. What is sub query?
3. Define : redo log file
4. Define : literal
5. Write a structure of PL/SQL Block
6. What is the use of PGA?
7. Explain RPAD() and INSTR()
8. Define : oracle instance
9. Explain AVG() function
10. Define : 3<sup>rd</sup> normal form
11. Explain rollback.
12. Define : cluster

**Q-2**                      **Write a note on following ( Any Four )**                      **20**

1. Memory structure of oracle
2. Implicit & Explicit cursor
3. Database recovery
4. DDL Query
5. Data integrity

**OR**

**Q-2**                      **Answer the following ( Any Four )**                      **20**

1. What is normalization? List out its advantage
2. Explain MONTHS\_BETWEEN, LAST\_DAY() & NEXT\_DAY()
3. What is sequence? Explain sequence command with example
4. Write a note on DML Query
5. Write a note on Distributed database.

<b>Q-3</b>	<b>Answer the following</b>	<b>20</b>
1.	What is client-server architecture? List out the benefit of it.	
2.	Write a note on Having clause with example	
	<b>OR</b>	
<b>Q-3</b>	<b>Answer the following</b>	<b>20</b>
1.	Explain Union, Intersect and minus.	
2.	Write pros and cons of view	
<b>Q-4</b>	<b>Answer the following</b>	<b>20</b>
1.	Explain exception handling in oracle with any five built in exception	
2.	Explain indexes in brief with example	
	<b>OR</b>	
<b>Q-4</b>	<b>Answer the following</b>	<b>20</b>
1.	Explain role of DBA	
2.	Explain Trigger in detail.	
<b>Q-5</b>	<b>Answer the following</b>	<b>20</b>
1.	Explain process architecture of oracle.	
2.	Justify 'Oracle as RDBMS'	
	<b>OR</b>	
<b>Q-5</b>	<b>Answer the following</b>	<b>20</b>
1.	What is role? How to create and assign role.	
2.	Describe in detail Codd's Rules	