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**EXAMINATION: JUNE-2022** 

# **SEMESTER - IV**

**Sub: Advanced Database Management System** 

(BCA - 444-18/BCA-444-20/BCA-CS-444-20)

Date :	15/06/2022	Total Marks: 60	Time: 2.00 pm to 4.30 pm
	<ol> <li>Instructions:</li> <li>All questions are compulsory unless and otherwise stated.</li> <li>Bold figures to the right of every question are the maximum marks for that question.</li> <li>Candidates are advised to attempt questions in order.</li> <li>Answers written illegibly are likely to be marked zero.</li> <li>Use of scientific calculators, Log tables, Mollier Charts is allowed.</li> <li>Draw neat and labelled diagrams wherever necessary.</li> </ol>		
Q.1.	Fill in the blanks.		(5)
1.	The command is used to change or modify data values in a table.		
	a) Alter	b) Change	
	c) Update	d) Modify	
2.	Functions that act on a set of values are called as functions.		
	a) Collective	b) Single	
	c) Group	d) Multiple	
3.	The clause imposes a condition on the GROUP BY clause.		
	a) Having	b) Where	
	c) While	d) If	
4.	To reduce redundant data to the minimum possible, an object is created called a		
	a) Queries	b) View	
	c) Statement	d) Row	
5.	The data held across the primary key column must be		
	a) Same	b) Unique	
	c) Repeated	d) Not uni	que
Q.2.	State True/False. (5)		
	1. Character expressions placed within the insert into statement must be enclosed		
	in single quotes.		
	2. A NULL value is equivalent to a value zero.		
	3. At the time of table creation a default value can be assigned to a column.		
	4. The statement containing a subquery is called a parent statement.		
	5. The name of the table can b	e changed using the Alter T	able clause.

### Q.3. Answer the following. (Solve any 5)

- 1. List out logical operators in SQL.
- 2. What is cursor?
- 3. State the use of Sqrt() function.
- 4. List out loops in PL/SQL.
- 5. State the syntax of cursor for loop.
- 6. What is the use of COMMIT statement?

## Q. 4. Answer the following in detail. (Solve any 6)

(30)

(10)

- 1. Explain in detail Order by and Distinct clause.
- 2. Explain in detail subqueries.
- 3. Explain in detail Primary key & Foreign key constraint.
- 4. Explain cursor attributes.
- 5. Explain 1. Dual 2. SYSDATE
- 6. Explain Open, Close statement related to cursor.
- 7. Explain any two date functions.

### Q. 5. Answer the following in detail. (Solve any 1)

(10)

- 1. Explain string functions.
- 2. Explain in detail Select, Create Table, Insert into commands.