

Seat
No.

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Kamala College, Kolhapur

(Autonomous)

B.C.A (Part -II) (Semester - III)

Examination March/April - 2024

Relational Database Management System (RDBMS)

Sub. Code: CC-315

Day and Date: Tuesday, 16/04/2024
Time : 12.00 pm. To 3.00 pm.

Total Marks: 80

Instructions:

1. *Que.1 and Que.8 are compulsory*
2. *Attempt any three questions from Que. No.2 to Que. No. 7*
3. *Figures to the right indicate total marks.*

Q. 1 Multiple choice questions.

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- 1) DBA stands for-----.
 - a) Database Administrator
 - b) Database Backup Administrator
 - c) Database Accessor
 - d) Database batch Administrator
- 2) Which operator is used to compare a value to a specified list of values?
 - a) IN
 - b) BETWEEN
 - c) ANY
 - d) ALL
- 3) A command that allows changing the field size, name or data type is.
 - a) Insert
 - b) Update
 - c) Alter
 - d) Delete
- 4) Which of the following are examples of aggregate functions in SQL.
 - a) SUM
 - b) MAX
 - c) MIN
 - d) All of above
- 5) Which MYSQL object is used to automatically execute SQL statements in response to specific events?
 - a) Stored function
 - b) stored procedure
 - c) View
 - d) trigger
- 6) ----- is a constraint that can be defined only at the column level?
 - a) UNIQUE
 - b) NOT NULL
 - c) PRIMARY KEY
 - d) CHECK

- 7) Which statement is used to get all data from the student table whose name starts with p?
- SELECT * FROM student WHERE name LIKE '%p%';
 - SELECT * FROM student WHERE name LIKE 'p%';
 - SELECT * FROM student WHERE name LIKE '_p%';
 - SELECT * FROM student WHERE name LIKE '%p';
- 8) ----- date function returns the number of days between two date values.
- datediff()
 - datedifference()
 - date_diff()
 - diff()
- 9) The ----- clause is used to collect data from multiple records and group the result by one or more column.
- Group by
 - Order by
 - Where
 - Having
- 10) SQL Views are also known as
- Simple table
 - Actual Table
 - complex table
 - Virtual Table
- 11) A subprogram that do not return any VALUE
- Functions
 - procedures
 - Triggers
 - cell
- 12) Which of the following command is used to edit the specific value in the tuple?
- alter
 - update
 - modify
 - change

Q. 2 What is RDBMS? Explain features of RDBMS and also explain Difference between DBMS and RDBMS 16

Q. 3 What is Constraints? Explain the constraints used in MySQL. 16

Q. 4 What is the role and responsibilities of DBA? 16

Q. 5 Write a detail note on Views in MySQL? 16

Q. 6 Explain DML SQL Command in detail with example 16

Q. 7 Write short notes. (Any four out of six) 20

- Difference between DBMS and RDBMS
- Numerical functions in MySQL
- Order By , Group By and Having clause.
- Primary Key and Foreign Key.
- Case statements in MySQL.
- Outer Join.

