

[27/A7]

SEAT No. _____

No. of Printer / Pages : 2

SARDAR PATEL UNIVERSITY
B.C.A. (Semester- II) EXAMINATION
DATE: 03/04/2018, TUESDAY
TIME: 10:00 A.M. To 01:00 P.M.

US02CBCA06 - Database Management Systems using Open Office Base

Total Marks: 70

Q-1 Select an appropriate option. [10]

1. _____ is an organized collection of related information.
 (a) DBMS (b) Information (c) Database (d) None of these
2. Who has the centralized control of data in DBMS?
 (a) DBA (b) Programmer (c) Casual User (d) Native User
3. Which of the following operations cannot be performed on a record in database?
 (a) Insert (b) Update (c) Delete (d) Hide
4. Which of the following is the default extension of Base Database file?
 (a) .odb (b) .dbf (c) .bdf (d) .odf
5. AutoValue property can be set for field with which of the following data type?
 (a) Text (b) Image (c) Integer (d) Boolean
6. _____ returns the square root.
 (a) ROUND() (b) MOD() (c) SQRT() (d) POWER()
7. _____ returns the smallest whole number that is not smaller than decimal.
 (a) ROUND() (b) CEILING() (c) FLOOR() (d) SQRT()
8. The result of a select query is generally represented as which of the following components?
 (a) Query (b) Relation (c) Constraint (d) Table
9. Which of the following is not an aggregate function?
 (a) Sum (b) Square Root (c) Min (d) Max
10. Which of the following operator is not used to define criteria in query?
 (a) < (b) > (c) % (d) =

Q-2 Answer the following questions. (Any Ten)

[20]

1. Define: Information and Database.
2. Write brief a Note On Data Dictionary.
3. Which are typical operations performed on database?
4. Write down steps for database creation.
5. What are forms? How to create forms? Write down their steps.
6. Explain CHAR() function with example.
7. Explain LTRIM() function with example.
8. Explain MONTH() function with example.
9. What is Report?
10. What are queries in Base? Why do we design queries?
11. Which operators are used to set criteria in query?
12. List down different Controls which are use to design form. Explain any one.

- Q-3** A. List & define Aims of database technology. **[5]**
B. Write detail note on Structure of DBMS. **[5]**

OR

- Q-3** A. Write a note on Database Life Cycle. **[5]**
B. Write down the advantages of DBMS. **[5]**

- Q-4** A. What do you mean by relations in Base? **[5]**
B. What are forms? How to create forms. Write down their steps. **[5]**

OR

- Q-4** A. List down different controls use to create form and explain any two. **[5]**
B. What is Data Type? List and explain data types available in Base. **[5]**

- Q-5** Explain any five Date and Time functions by taking appropriate example. **[10]**

OR

- Q-5** Explain any five String functions by taking appropriate example. **[10]**

- Q-6** A. How to apply criteria using multiple fields in Query? **[5]**
B. Write steps to create Query using Design View in detail. **[5]**

OR

- Q-6** A. How to apply criteria using single field in Query? **[5]**
B. Write steps to create Report using Wizard in detail. **[5]**