Seat No. 3139

Bachelor of Computer Application (Part – II) (Semester – IV) (New) Examination, 2011
Paper – 402 : RDBMS WITH ORACLE

Day and Date: Friday, 8-4-2011   Total Marks: 80
Time: 3.00 p.m. to 6.00 p.m.

Instructions : 1) Attempt **any five** questions.
2) **Each** questions carry **equal** marks.
3) Figures to the **right** indicate **full** marks.

1. a) Define database. Give the different task of database management system. **8**

    b) List and explain the features of oracle. **8**

2. a) Discuss in detail responsibilities of DBA. **8**

    b) Explain the various data constraints in oracle. **8**

3. Explain the various types of databases with the help of suitable diagram. **16**

4. Explain the following statement with an appropriate example **16**
   i) DDL   ii) DCL

5. a) Explain the various data types used in SQL. **8**

    b) List and explain the pattern matching operators in SQL. **8**

6. Write a PL./SQL procedure to accept accno, name, tran-code, opbal, tran-amt, date and update the balance depend up on the transaction code 'W' for withdraw and 'D' for deposit. **16**

7. What is cursor ? Explain implicit cursor with an appropriate example. **16**

8. Write short note on **any two** : **8+8**
   a) Join command
   b) Primary key
   c) Normalization.

B.C.A. (Part - II) (Semester - IV) Examination - 2013
RDBMS WITH ORACLE (Paper - 402)
Sub. Code : 47719

Day and Date : Monday 22-4-2013   Total Marks : 80
Time : 3.00 p.m. to 6.00 p.m.

Instructions : i)   Attempt any five questions.
               ii) Each questions carry equal marks.
               iii) Figures to the right indicate full marks.

Q1) a)   Differentiate between DBMS and RDBMS   **(8)**
      b)   Give in detail architecture of oracle with the help of diagram.   **(8)**

Q2) a)   Discuss in detail responsibilities of DBA   **(8)**
      b)   Explain the various data constraints in oracle.   **(8)**

Q3) What is normalization? Discuss the various forms of normalization   **(16)**

Q4) a)   What is oracle function? Explain the various function of oracle   **(8)**
      b)   What is foreign key? Give the importance of foreign key   **(8)**

Q5) a)   Explain
          i)   Insert and
          ii) Select command   **(8)**
      b)   List and explain the pattern matching operators in SQL   **(8)**

Q6) Write a PL/SQL procedure to accept digit and count and print the number of occurrences of the digit in number   **(16)**

Q7) Define trigger? Explain the various types of trigger with suitable example **(16)**

Q8) Write short note on any TWO   **(08+08)**
      a)   Cursor
      b)   Index
      c)   % rowtype

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B.C.A. (Part - II) (Semester - IV) Examination, April - 2014
RDBMS with Oracle (Paper - 402)
Sub. Code : 47719

Total Marks : 80

Day and Date : Monday, 28 - 04 - 2014

Time : 3.00 p.m. to 6.00 p.m.

Instructions :
1) Attempt any five questions.
2) Each quesiton carries equal marks.
3) Figures to the right indicate full marks.

Q1) a) Define RDBMS. Give the features of RDBMS. [8]

b) List and explain the component of Oracle. [8]

Q2) a) Define DBA? Give the role of DBA. [8]

b) Explain : [8]
   i) Primary key
   ii) Foreign Key

Q3) List and explain the all 12 cods rule with an appropriate example. [16]

Q4) List and explain the various function of oracle with the help of suitable example. [16]

Q5) a) Give in detail syntax and examples of group by clause. [8]

b) Explain : [8]
   i) group by clause
   ii) date functions

P.T.O.

Q6) Write a procedure to print the first 20 prime numbers along with their sum and average. **[16]**

Q7) What is cursor? Explain the explicit cursor with the help of example. **[16]**

Q8) Write short note on any TWO : **[8 + 8 = 16]**

    a)   Join.

    b)   Database trigger.

    c)   Data types.

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Seat No.

B.C.A. (Part - III) (Semester - V) (New) Examination, October - 2015
RDBMS WITH ORACLE (Paper - 504)
Sub. Code : 66418

Day and Date : Monday, 26 - 10 - 2015

Total Marks : 80

Time : 03.00 p.m. to 6.00 p.m.

Instructions:
1) Q.No. 8 is compulsory.
2) Solve any four questions from Q.No. 1 to Q.No. 7.
3) All questions carry 16 marks.

Q1) Write syntax and explain DDL statements with example.   [16]

Q2) a) Explain select statement with group by and order by clause.   [8]

     b) Explain for and while loop used in PL-SQL with example.   [8]

Q3) What is join? Explain its types with example.   [16]

Q4) a) Explain Codd's rules.   [8]

     b) Explain PL-SQL block structure.   [8]

Q5) a) How to create explicit cursors? Give its example.   [8]

     b) What is normalization? Explain its types with example.   [8]

Q6) a) Explain various data types used in SQL.   [8]

     b) Write syntax and explain TCL statements.   [8]

Q7) Explain arithmetic, relational and logical operators used in SQL. [16]

Q8) Write short notes on (Any Four) [16]

    a) Relational model.

    b) Conversion functions used in SQL.

    c) Views.

    d) Difference between DBMS and RDBMS.

    e) Types of triggers.

B.C.A.(Part -III) (Semester -V)
Examination,November - 2016
RDBMS WITH ORACLE
Sub. Code: 66418

Day and Date : Friday, 11 - 11 - 2016
Time :2.30 p.m. to 5.30 p.m.

Total Marks :80

Instructions : 1) Attempt any five questions.
  2) Figures to right indicate full marks.

Q1) What do you mean by RDBMS? Explain the features of RDBMS over DBMS in detail. **[16]**

Q2) What is normalization? Explain 1NF, 2NF and 3NF with suitable example.**[16]**

Q3) What is a data language? Explain DDL,DML and DCL Commands with example. **[16]**

Q4) What is PL/SQL Block? Write a PL/SQL block to display sum of first 100 odd numbers. **[16]**

Q5) What is SQL join? Explain various types of joins with example. **[16]**

Q6) Explain following: **[16]**
  a) ROLLBACK b) View
  c) Primary Key d) COMMIT

Q7) What is cursor? Explain procedure to create explicit cursor with example.**[16]**

Q8) Write short note on (any Two): [16]
- a) functional dependencies
- b) Codd's Rules
- c) Trggers

Seat No. [ ]

B.C.A. (Faculty of Commerce) (Part - III) (Semester - V) (Revised) Examination, April - 2017
RDBMS WITH ORACLE (Paper - 504)
Sub. Code :66418

Day and Date : Tuesday, 18-04-2017
Time : 11.00 a.m. to 2.00 p.m.

Total Marks : 80

Instructions :
1) All questions carry equal marks.
2) Attempt any FIVE Questions.
3) Figures to the right indicate full marks.

Q1) What is cursor? Explain implicit and explicit cursor with suitable example. **[16]**

Q2) a) What is RDBMS? Explain features of RDBMS. **[8]**
  b) Explain different SQL functions with suitable example. **[8]**

Q3) Classify different SQL commands with suitable example in detail. **[16]**

Q4) a) Explain different iterative control statements of PL/SQL with example.**[8]**
  b) What is view? Write the advantages of view. **[8]**

Q5) What is Normalization? Explain types of normalization with suitable examples. **[16]**

Q6) a) Explain different sub queries with example. **[8]**
  b) Explain following terminologies **[8]**
    i) Relation
    ii) Tuple
    iii) Cardinality
    iv) Attribute

P.T.O.

Q7) Describe PL/SQL block structure? Write a PL/SQL block to accept number and print in reverse order. [16]

Q8) Write short note on (Any two): [16]

a) Functional dependencies.

b) Integrity Constraints.

c) Correlated queries.

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BCA (Part - III) (Semester - V) Examination, October - 2017
RDBMS WITH ORACLE
Sub. Code : 66418

Day and Date : Monday, 23 - 10 - 2017

Time : 10.30 a.m. to 01.30 p.m.

Total Marks : 80

Instructions : 1) Attempt any five questions.

2) Figures to the right indicate full marks.

Q1) a) Explain Difference between DBMS and RDBMS. [8]

b) Explain Following RDBMS terminology with example:- [8]

i) Relation

ii) Tuple

iii) Cardinality

iv) Attribute

Q2) a) Explain the concept of relational model with its advantages and limitations. [8]

b) What is normalization? Explain 1NF, 2NF and 3NF with suitable example. [8]

Q3) What is DML? Explain various options of SELECT command with example. [16]

Q4) a) What is View? Explain procedure to create a view. [8]

b) Explain Codd's rules in detail. [8]

Q5) What is SQL join? Explain Inner, Outer and Self Join with example. **[16]**

Q6) Explain the following:- **[16]**

    a)   Sub queries

    b)   Sequences

    c)   Responsibilities of DBA

    d)   Trigger

Q7) a)   Explain structure of PL/SQL block in detail. **[8]**

     b)   Write P1/SQL block to calculate simple interest. **[8]**

Q8) Write Short Note on (Any Two) **[16]**

    a)   Data types in SQL

    b)   Indexes in SQL

    c)   Types of cursors

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