

2016

Time : 3 hours

Full Marks : 80

Candidates are required to give their answers in their own words as far as practicable.

The questions are of equal value.

*Answer **five** questions in which*

Q. No. 1 is compulsory.

1. Choose the correct option of the following :

(a) Which of the following statement is true ?

(i) Implicit cursors are not named

(ii) Implicit cursors must be developed by the database developer

(iii) Explicit cursors can handle tables with only 16 rows

(iv) Explicit cursors does not occupy Oracle's memory space

(b) Which of the following are the pseudo-columns ?

(i) DUAL, USER_ID, CUR_VAL

(ii) USER_ID, DUAL, ROW_ID

• (iii) Sysdate, User, Curval, Nextval

(iv) Row_Num, Row_id

(c) Delete and truncate command in SQL :

(i) Retrieve rows in a table

(ii) Remove some part of a table

• (iii) Remove all rows in a table

(iv) Recover all the rows deleted in a table

(d) Which of the following statements regarding primary key is false ?

(i) Primary key can not have null values

• (ii) Primary key may contain duplicate values

13322422 (iii) Primary key can not be applied for multiple columns

(iv) All of the above

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(2)

Contd.

(e) A stored procedure is only executed :

(i) Implicitly

• (ii) When asked explicitly

(iii) When the trigger associated with it is also invoked

(iv) None of the above

(f) Which of the following SQL operation demands the use of wild card comparisons ?

(i) in

(ii) between

(iii) exists

• (iv) like

(g) All of the following can only be used with numeric data types except :

(i) AVG

• (ii) COUNT

(iii) SUM

(iv) STDDEV

(h) Which of the following is not an oracle-supported trigger ?

(i) Before

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(3)

(Turn over)

- (ii) During
- (iii) After
- (iv) Instead of

2. What are the different oracle database objects ? Explain two objects among them.
3. Write difference between the following :
 - (a) Delete and truncate
 - (b) View and synonym
 - (c) Primary key and foreign key
 - (d) TCL and DCL
4. (a) Discuss the various special comparison operators in oracle.
- (b) How to restrict data during retrieval from tables ?
5. What is a Procedure ? What is a function ? Bring out the difference. Explain with examples.
6. (a) What do you understand by PL/SQL ? Discuss its important elements as well as its usefulness.
- (b) What is DBA ? What are the responsibilities of DBA ?

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(4)

Contd.

7. What is SQL ? Why is it popular ? Explain the purpose of the following SQL commands :

- (a) INSERT
- (b) DROP
- (c) JOIN
- (d) DELETE

8. What do you mean by a block in forms ~~PL/SQL~~ ? What is Triggers ? Give the syntax of the create trigger command and explain with example.
9. (a) What is Database Table ? Describe Alter Command with all syntax.
- (b) What is Join ? Describe the difference between Equi Joins and Self Join.



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(5)

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