

2015

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 any **five** questions in which
Q. No. 1 is compulsory.*

1. Choose the correct answer of the following :
 - (a) Which is the smallest unit of storage in an Oracle database ?
 - (i) Data Block
 - (ii) Segment
 - (iii) Extent
 - (iv) Data File
 - (b) Which of the following is NOT an Oracle-supported trigger ?
 - (i) BEFORE
 - (ii) DURING

- (iii) AFTER
- (iv) INSTEAD OF
- (c) _____ has made PL / SQL code run faster without requiring any additional work on the part of the programmer.
 - (i) SQL Server
 - (ii) My SQL
 - (iii) Oracle
 - (iv) SQL Lite
- (d) _____ is used to define code that is executed / fired when certain actions or event occur.
 - (i) Cursor
 - (ii) Trigger
 - (iii) Keywords
 - (iv) Replace
- (e) A _____ is a database object that groups logically related PL / SQL types, objects and subprograms.
 - (i) Module
 - (ii) Package
 - (iii) Body
 - (iv) Function

2015

604

- (f) Which of the following object types below cannot be replicated ?
- (i) Data
 - (ii) Trigger
 - (iii) View
 - (iv) Sequence
- (g) A database trigger is an alternative for :
- (i) Stored procedure
 - (ii) Primary key for implementing referential integrity
 - (iii) Foreign key for implementing referential integrity
 - (iv) All of the above
- (h) When an Oracle database is created, which user is automatically created and granted the DBA role :
- (i) SYS
 - (ii) SYSTEM
 - (iii) Both (i) and (ii)
 - (iv) SGA

2.

What is a stored procedure ? What are the advantages of using stored procedures ? Can related procedures be stored together ?

2015

604

3.

What is a cursor ? Why Cursor is required ? Explain the two types of cursors along with their working ?

4.

What is difference between a Cursor declared in a procedure and Cursor declared in a package specification ? Explain with example.

5. What is an Exception ? Explain with examples the different types of exceptions ?

6. What is a difference between Window, Canvas and View Port ? What are Canvases in Oracle Forms and describe different types of Canvases ?

7. What is the difference between input and non-input items ? Explain the different types of input and non-input items.

8.

(a) What is a LOV ? Explain its types ?

(b) What are the various types of Properties in Oracle Forms ?

9. Explain the different methods for exchanging data between forms.

