

2017

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 answer of the following :
 - (a) Oracle was developed on the basis of paper :
 - (i) DB2
 - (ii) Sybase
 - (iii) System / R
 - (iv) None of these
 - (b) When a user creates and objects without a TABLE SPACE clause, where will oracle store the segment ?
 - (i) User table space

- (ii) Default table space for the user
 - (iii) System table space
 - (iv) None of these
- (c) Which among the following is not an element of information system?
- (i) People
 - (ii) Money
 - (iii) Data
 - (iv) Procedure
- (d) Which character function can be used to return a specified portion of a character string ?
- (i) INSTR
 - (ii) POS
 - (iii) SUBSTR
 - (iv) SUBSTRING
- (e) Which oracle access method is the fastest way for oracle to retrieve a single row ?
- (i) Table access by ROWID
 - (ii) Full Table Scan

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(2)

Contd.

- (iii) Access via unique Index
 - (iv) Primary key access
- (f) What best describes the relationship between indexes and SQL performance?
- (i) Indexes are used to make table storage more efficient
 - (ii) Indexes rarely make a difference in SQL performance.
 - (iii) Indexes are only used in special cases
 - (iv) Indexes exist solely to improve query speed
- (g) Which character is used to continue a statement in SQL Plus ?
- (i) -
 - (ii) @
 - (iii) /
 - (iv) *
- (h) Which among the following is the smallest unit of data in the relational model ?
- (i) Data type

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(3)

(Turn over)

- (ii) Data value
- (iii) Field
- (iv) None of these

2. Explain SQL with their advantage and disadvantage ? Explain brief SQL plus.
3. With a neat diagram, explain the relationship between logical and physical database structure.
4. What is concurrency control ? What are its objectives ?
5. What do you mean by report ? Describe the important components of reports.
6. What is the concept of library and a alerts in developer 2000 ? Explain Radio Button Lists of value and menu.
7. What is transaction control ? Explain locks in the regards.
8. What do you understand by GROUP by function ? Explain sub-query, indexs, views and Sequences.
9. Discuss the communication features of oracle.

