



BCH-2315 Seat No. _____

M. Sc. (CA & IT) (Sem. IV) Examination

April / May - 2014

405 : Advance Database Architecture

Time : 3 Hours]

[Total Marks : 70

1 Answer any four: **16**

- a What is Instance? Explain Instance Architecture.
- b What are the differences between system database objects and user database objects.
- c Explain the creation of the Oracle environment.
- d Explain OFA.
- e Explain SGA.

2 Attempt any four: **16**

- a Explain SQL + PLUS copy command.
- b Explain DBMS_DDL, DBMS_SESSION, DBMS_SQL, and DBMS_SYSTEM.
- c Explain different tools for Database administration.
- d What is Cursor? Give the use of it. Explain Explicit cursor with example.
- e Give the difference between trigger and procedure and write a trigger to restrict cname field of customer table to Alphabetic value.

- 3** Do as Directed : **1**
- a Oracle catches ___ sequence number by default. (10,20,30,40) **1**
 - b Give difference between Table and View. **2**
- 4** Attempt any four : **16**
- a Explain Import/Export with example.
 - b Explain all components of SQL Loader.
 - c Give the difference between conventional and direct path loading.
 - d How can we recover user from logical backup? Explain.
 - e Explain fixed length loading.
- 5** Attempt any four : **16**
- a What is performance Tuning? Explain principales of performance Tuning.
 - b Explain V\$lock.
 - c Which are the logical and Physical components of data store? explain.
 - d Explain one method of avoiding locks?
 - e Explain Database Backup in offline and online mode.
- 6** Explain ROI strategies. **3**
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