

SUBJECT: DATABASE ADMINISTRATION

Day : Wednesday
Date : 08/05/2019

S-2019-1365

Time : 10.00 AM TO 01.00 PM
Max. Marks : 60

N.B.:

- 1) Attempt **ANY SIX** questions.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat and labeled diagrams **WHEREVER** necessary.
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- Q.1** What is PL / SQL block? Explain. Differentiate between function and procedures. [10]
- Q.2** Draw 'Oracle Instance Architecture'. Explain the elements of architecture in detail. [10]
- Q.3** What are 'Transaction Logs'? Explain the scenario of 'UNDO' and 'REDO' for different types of transactions while recovering from media failure. [10]
- Q.4** Explain the concept of Locking in database. How 'Lock Manger' works? Explain. [10]
- Q.5** Explain the concept of 'VIEWS' and 'PRIVILEGES' in detail. [10]
- Q.6** Explain the concept of 'Storage Structures' in Oracle database. [10]
- Q.7** Explain **ANY TWO** of the following: [10]
- a) Performance Tuning
 - b) DBMS engine
 - c) Roles of DBA
 - d) ADDM

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