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AA—33—2019

FACULTY OF SCIENCE AND TECHNOLOGY

B.Sc. (CS) (Third Year) (Sixth Semester) EXAMINATION

OCTOBER/NOVEMBER, 2019

(Revised Course)

COMPUTER SCIENCE

(Oracle 10G DBA)

(Thursday, 17-10-2019)

Time : 10.00 a.m. to 1.00 p.m.

Time—3 Hours

Maximum Marks—80

N.B. :— (i) All questions are compulsory.

(ii) Figures to the right indicate full marks.

(iii) Solve either (a) and (b) or (c) and (d) from Q. Nos. 2 to 4.

1. Attempt the following : 20

(a) Explain the starting and stopping instance in short.

(b) Write a note on read-only tablespaces.

(c) Explain the moving control files in short.

(d) Discuss on “Statement Auditing”.

2. (a) Explain the Rollback and read consistency of database. 8

(b) Explain the various types of tablespaces in detail. 7

Or

(c) Explain on ASM architecture in detail. 8

(d) Discuss on “Logical Backups”. 7

3. (a) Define flash recovery area. How to create and manage flash recovery area ? 8

(b) Define SQL. Explain the tuning of SQL in detail. 7

Or

(c) Explain the various tuning of data manipulation. 8

(d) Define authentication. Explain the database administrator authentication. 7

P.T.O.

4. (a) Define auditing. Explain an auditing related data dictionary views. 8
- (b) Explain the creating, assigning and maintaining roles for database authorization. 7
- Or*
- (c) Explain an oracle 10g memory structure in detail. 8
- (d) Explain the trace and alert 10g files in detail. 7
5. Write short notes on (any *three*) : 15
- (a) Functions of DBA
- (b) Password file
- (c) SYSTEM and SYSAUX tablespaces
- (d) Online and offline backups
- (e) Non-database security.