

B.Sc. (I. T.) Sem. - VI (2011 Course) : WINTER - 2018
SUBJECT : EXTREME APPLICATION PROGRAMMING USING ORACLE 10g

Day : Wednesday
Date : 05/12/2018

W-2018-1112

Time : 10.00 am to 12.00 Noon
Max. Marks : 40

N. B. :

- 1) Attempt **ANY FIVE** questions.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat diagram **WHEREVER** necessary.
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- Q. 1** Explain various SQL SELECT constraints with example. **(08)**
- Q. 2** Draw the schematic diagram of DBMS and explain each layer in detail. **(08)**
- Q. 3** Draw ORACLE database architecture and explain various components in brief. **(08)**
- Q. 4** What are different types of JOINS? Explain. **(08)**
- Q. 5** What is PL/SQL block? Explain the composition of block in detail. **(08)**
- Q. 6** What are different roles of DBA? Explain. **(08)**
- Q. 7** Write short notes on **ANY TWO** of the following: **(08)**
- a) AWR
 - b) ADDM
 - c) Database Users
 - d) DML

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