

**F.Y.B.SC. (Computer Science) SEM –II (2014 COURSE) : WINTER -
2018**

SUBJECT : RDBMS USING ORACLE

Day : Wednesday
Date : 10/10/2018

Time : 03.00 PM TO 05.00 PM
Max. Marks : 40

W-2018-0946

N. B. :

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.

Q. 1 Attempt **ANY TWO** of the following: **(10)**

- a) Explain PL/SQL block structure with suitable example.
- b) Write PL/SQL block to display sum of digits of given number.
- c) Explain PL/SQL data types.

Q. 2 Attempt **ANY TWO** of the following: **(10)**

- a) What is Normalization? Explain 2 NF.
- b) Explain advantages of PL/SQL.
- c) What is Transaction? Explain transaction with one example.

Q. 3 Attempt **ANY TWO** of the following: **(10)**

- a) Explain natural join operation in relational algebra.
- b) What is union operation? Give one example of union operation.
- c) What is Deadlock? How to prevent Deadlock?

Q. 4 Attempt **ANY FIVE** of the following: **(10)**

- a) What is serial schedule?
- b) What is the purpose of intersect operator?
- c) Define timestamp.
- d) How to declare a variable in PL/SQL?
- e) Give the syntax of while loop in PL/SQL.
- f) What is trigger?
- g) What is user defined exception?

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