

**F.Y.B.SC. (COMPUTER SCIENCE) SEM –II (2014 COURSE) :**

**WINTER - 2017**

**SUBJECT : RDBMS USING ORACLE**

Day : Wednesday  
Date : 25/10/2017

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

**W-2017-0736**

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**N. B. :**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the right indicate **FULL** marks.
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**Q. 1** Attempt **ANY TWO** of the following: **(10)**

- a) What is Lock? Explain the importance of lock in database system.
- b) Explain syntax of IF-ELSE statement with one example.
- c) Write PL/SQL block to accept a number and check whether it is even or odd.

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

- a) What is Serial Schedule? Give one example of Serial Schedule.
- b) Write PL/SQL procedure to display employee record on the basis of employee \_Id.
- c) Define Transaction. Explain ACID properties of Transaction.

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

- a) Explain left outer join and right outer join operation.
- b) Discuss PL/SQL block structure with suitable example.
- c) Explain Oracle's named exception handlers.

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

- a) What is binary lock?
- b) Give the syntax of FOR loop in PL/SQL.
- c) What are PL/SQL literals?
- d) State the PL/SQL data types.
- e) What is normalization?
- f) Define result equivalent schedule.
- g) What are types of trigger?

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