

F.Y.B.SC. (COMPUTER SCIENCE) SEM –II (2014 COURSE) :
SUMMER - 2018
SUBJECT : RDBMS USING ORACLE

Day : **Thursday**
Date : **12/04/2018**

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

S-2018-0836

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) Explain features of PL/SQL.
 - b) Explain syntax of FOR loop with suitable example.
 - c) Write PL/SQL block to check whether a given number is prime or not.
- Q. 2** Attempt **ANY TWO** of the following: **(10)**
- a) Explain Cartesian product operation.
 - b) Explain syntax of PL/SQL procedure with suitable example.
 - c) What is database trigger? What are types of trigger?
- Q. 3** Attempt **ANY TWO** of the following: **(10)**
- a) Explain PL/SQL exception.
 - b) Draw and explain state transaction diagram.
 - c) Write PL/SQL block to accept two numbers and display largest number among them.
- Q. 4** Attempt **ANY FIVE** of the following: **(10)**
- a) What is database failure?
 - b) What is check point?
 - c) What is the syntax of IF-ELSE statement in PL/SQL?
 - d) Define deadlock with diagram.
 - e) How to declare variables in PL/SQL?
 - f) What are ACID properties?
 - g) What is starvation?

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