

**S.D.E.**  
**B.C.A. (2004 Course Sem- IV : WINTER - 2018**  
**SUBJECT: BUSINESS INFORMATION SYSTEM AND ORACLE**

**Day:** Friday  
**Date:** 07/12/2018

**W-2018-4520**

**Time:** 10.00 AM TO 1.00 PM  
**Max. Marks: 80**

**N.B:**

- 1) Attempt **ANY FIVE** questions from Section-I. Each questions carries **10** marks.
- 2) Attempt **ANY TWO** questions from Section-II. Each questions carries **15** marks.
- 3) Figures to the right indicate **FULL** marks.

**SECTION-I**

- Q.1** What is system? Explain its types. (10)
- Q.2** What are the objectives of MIS? (10)
- Q.3** Explain Codd's rules. (10)
- Q.4** Explain any five built in SQL functions. (10)
- Q.5** Explain the concept of object oriented database with respect to class and object binding. (10)
- Q.6** Explain character set in PL/SQL. (10)
- Q.7** Write short notes on (**ANY THREE**): (10)
- a) Decision table
  - b) DDL and DML
  - c) Organization structure
  - d) Raw data and Long raw data type

**SECTION-II**

- Q.8** Create the following table worker (worker-id, first-name, last-name, salary, joining-date, department)
- i) Write a command to create table worker and insert 5 records. (03)
  - ii) Write a command to print three characters of first-name from worker table. (02)
  - iii) Write a command to print first-name and last-name from worker table into a single column. (02)
  - iv) Write a command to print all worker details from the worker table in the ascending order by first-name. (02)
  - v) Write a command to display all the workers of 'Production' department. (02)
  - vi) Write a command to display details of the worker whose salary is in between 10,000 and 50,000. (02)
  - vii) Write a command to print details of the worker who have joined in 'Jan 2018'. (02)
- Q.9** Write a PL/SQL block to:
- i) Enter 3 numbers and print the smallest number (08)
  - ii) To enter the value of radius to calculate area of circle. (07)
- Q.10** Consider the following relational database (15)
- Politician (pno, pname, description, partycode)  
Party (partycode, partyname)  
Write a Cursor to display party wise details of politicians.

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