**AR – 617**

Sixth Semester B. Sc. (Part - III) Examination

## 6S – COMPUTER SCIENCE

PL/SQL and Advanced Visual Basic

P. Pages : 7

Time : Three Hours]                    [Max. Marks : 80

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**Note :** (1) All questions are compulsory.
    (2) All questions from **2** to **13** carry equal marks.
    (3) Assume suitable data wherever necessary.
    (4) Support your answers with neat sketches and diagrams for due credit.

1. (a) Fill in the blanks and rewrite the following:—

    (i) PL/SQL stands for ————.

    (ii) Implicit cursors are ———— created by Oracle whenever an SQL statement is executed.

    (iii) The cancel Button property belongs to ———— object.

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(iv) The SQL join is used to combine records from ————————. 2

(b) Select the correct alternative :—

(i) Which of the following is not true about the declaration section of PL/SQL block ?

(a) This section starts with DECLARE keyword.

(b) It is mandatory section.

(c) If defines all variables, cursors, subprograms and other elements to be used in the program.

(d) None of the above.

(ii) A subprogram can be created

(a) At schema level.

(b) Inside a package.

(c) Inside a PL/SQL Block.

(d) All of the above.

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(iii) Combo box is the combination of which control ?

    (a) List Box and Text box.

    (b) List Box and Label control.

    (c) Text Box and Label control.

    (d) None of these.

(iv) The method used to produce color dialog box is ——————.

    (a) Color show

    (b) Show Pallete

    (c) Show color

    (d) None of these.    2

(c) Answer the following in **one** sentence :—

(i) What is equijoin ?

(ii) What is Integrity constraint ?

(iii) What does Timer control used for ?

(iv) What is Multiple List Box ?    4

2. (a) Explain types of integrity constraints with example. 6

   (b) Explain following numeric functions :—

   (i) COUNT

   (ii) FLOOR

   (iii) TRUNC 6

## OR

3. (a) Describe the self–join operation with example. 6

   (b) Explain following character functions with example :—

   (i) INSTR

   (ii) RTRIM

   (iii) RPAD 6

4. (a) Explain the datatypes supported by PL/SQL. 6

   (b) Explain the following transaction processing commands :—

   (i) Savepoint.

(ii) COMMIT and autocommit. 6

## OR

5. (a) What is CURSOR ? Explain the possible operations with cursors. 6

   (b) Explain Rollback command with example. 6

6. (a) Explain GRANT and REVOKE command with example. 6

   (b) What is a Role ? How the roles are created ? Explain. 6

## OR

7. (a) Describe the different types of privileges with example. 6

   (b) What is DBA ? Explain the functions of DBA concern to database security. 6

8. (a) What is the need of dialog box ? Explain colour dialog box control with example. 6

(b) Write a program in VB to apply formatting effect using FONT dialogbox.     6

**OR**

9. (a) What is the use of timer control ? Explain with example.     6

    (b) Explain combo box controls with its types.     6

10. (a) What is form collection ? Explain.     6

    (b) Explain positioning the print method with example.     6

**OR**

11. (a) Describe the COUNT property with example.     6

    (b) Illustrate the use of FORMAT with print with an example.     6

12. (a) Explain print # statement with example.     6

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(b) Describe the user defined datatypes in detail.

6

**OR**

13. (a) Explain the working of random access file.

6

(b) Explain the file control with example. 6

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