B.Sc. (Part–II) Semester–IV Examination

4S : COMPUTER APPLICATIONS (VOC) (OLD) (UPTO SUMMER - 2020)

(Advanced VB and RDBMS)

Time : Three Hours]   [Maximum Marks : 80

Note :— (1) Question No. 1 is compulsory.

(2) Question No. 2 to 13 carry equal marks.

(3) Assume suitable data wherever necessary.

1. (A) Fill in the blanks :

   (i) The _____ is a list of all the printers on your applications PC.

   (ii) The _____ property to connect the data control to the database.

   (iii) SQL security scheme is based on _____.

   (iv) Manipulation can be made by the _____ commands into the database. 2

   (B) Choose the correct alternatives :

   (i) _____ is used to begin printing the form immediately.

      (a) Load Form   (b) Print Form

      (c) Form Print   (d) All of the above

   (ii) The _____ statement tells VB to temporarily put on hold the running procedure.

      (a) Goto   (b) Call

      (c) While   (d) Jump

   (iii) In SQL _____ is a tool for giving the detail information of form.

      (a) Report   (b) Form Report

      (c) Form Run   (d) None of the above

   (iv) The attribute that always evaluates to false in case of implicit cursor is :

      (a) %ROWCOUNT   (b) %FOUND

      (c) % NOT FOUND   (d) %ZSOPG   2

   (C) Answer in one sentence :

   (i) What is cursor ?

   (ii) What is ROLE ?

   (iii) What is global variable ?

   (iv) What is scaling output ?   4

2. (a) Explain passing data by reference and value.   6

   (b) What is meant by design time and run time properties ? Explain.   6

OR

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3. (a) Explain VB programme structure in detail.   6

    (b) What is General Procedure ? Explain procedure of calling Genera Procedure.   6

4. (a) Explain how Database and VB are related.   6

    (b) Explain various methods of Data Control.   6

OR

5. (a) Explain advanced database control.   6

    (b) Write a program in VB to connect employee database using Data Control.   6

6. (a) Explain printing on the printer object.   6

    (b) Explain scaling output with their properties.   6

OR

7. (a) Explain the term printing the forms.   6

    (b) Write a VB code to print 'Visual Basic' on form using Print Method.   6

8. (a) Explain the Attributes of cursors with example.   6

    (b) Explain COMMIT and ROLLBACK transaction commands in PL/SQL.   6

OR

9. (a) Explain control structure used in PL/SQL.   6

    (b) Explain, how to create, open, fetch cursor using suitable example.   6

10. (a) How to create user ? Explain with example.   6

    (b) What is meant by column passing privilege ? Explain.   6

OR

11. (a) What do you mean by privileges ? Explain system privilege.   6

    (b) Explain uses of role in database.   6

12. (a) Explain Dynamic SQL with example.   6

    (b) Explain editing and entering data using forms.   6

OR

13. (a) What are advantages of SQL * form ?   6

    (b) Explain difference of Static SQL and Dynamic SQL.   6