AU–117

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

4S : COMPUTER APPLICATIONS (VOC.)

(Advanced VB and RDBMS)

Time : Three Hours]　　　　　　　　　　　　　　　　　[Maximum Marks : 80

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

(2) Question Nos. 2 to 13 carry equal marks.

(3) Assume suitable data wherever necessary.

1. (a) Fill in the blanks :

(i) IDE stands for ____.

(ii) _____ control is used to provide an identifiable grouping for other controls.

(iii) ____ contain a pointer that keeps track of current row being accessed. which enables your program to process the row at a time.

(iv) _____ cursors are declared and used by the user to process multiple row, returned by SELECT statement.　　　　　　　　　　2

(b) Choose the correct alternatives :

(i) _____ is central to the development of Visual Basic application.

(a) Project window

(b) Form window

(c) Properties window

(d) All of the above

(ii) ____ combines the features of the text box and list box.

(a) Picture box

(b) Check box

(c) Combo box

(d) Option button

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(iii) In _____ the cursor advances to next row in the active set each time the fetch command is executed.

    (a) Recreating process

    (b) Redefining process

    (c) Iterative process

    (d) None of the above

(iv) A _____ is a database object that groups logically related PL/SQL types, objects and subprograms.

    (a) Module

    (b) Package

    (c) Body

    (d) Name   2

(c) Answer in one sentence :

    (i) Enlist the properties of data control in VB.

    (ii) What is scope of variable ?

    (iii) What is privileges ?

    (iv) What is cursor ?   4

2. (a) What is the difference between user defined function and procedure ? Explain with example.   6

   (b) Explain passing data by reference and value in VB.   6

OR

3. (a) Explain how to set properties at design time.   6

   (b) Explain VB program structure.   6

4. (a) Explain advanced database control using VB application wizard. 6

    (b) Write a code to create an employee database and hold the name, emp_code, designation, salary for each employee. 6

OR

5. (a) Explain advanced data control in detail. 6

    (b) Explain how to make database and visual basic interacting. 6

6. (a) Explain the term printing information using print collection and give example. 6

    (b) Design and write a program that will allow the user to type in text and to set it bold, italic and underline properties using check boxes. 6

OR

7. (a) Explain various properties of printer object. 6

    (b) Design and write a program in VB for addition, substraction, multiplication and division. 6

8. (a) Explain PL/SQL block structure. 6

    (b) Explain cursor attributes with example. 6

OR

9. (a) Explain the features of PL/SQL. 6

    (b) What is transaction ? Explain savepoint and rollback segment with example. 6

10. (a) Explain the GRANT and REVOKE with example. 6

    (b) Explain the database triggers with example. 6

OR

11. (a) How procedure is related with database ? Explain with example. 6

    (b) Explain the security object and user ID. 6

12. (a) Explain how to run and edit forms. 6

    (b) State the features of SQL Report. 6

OR

13. (a) Explain dynamic queries with example. 6

    (b) Explain creating forms, entering data in SQL* form. 6