AS–1438

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

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) Visual Basic is a tool that allows you to develop application in _____ .

(ii) The form module has file extension _____ .

(iii) _____ is used to define code that is executed/fired when certain action or event occur.

(iv) _____ provide a way to program to select multiple row of data from the database and then process each row individually. 2

(b) Choose the correct alternatives :

(i) _____ combines the features of the text box and list box.

(a) Picture box

(b) Check box

(c) Combo box

(d) Option button

(ii) Visual Basic maintains a project file with extension _____ .

(a) .frm (b) .vbp

(c) .vbs (d) .cls

(iii) _____ are used to recreate if trigger already exists.

(a) Cursor (b) Trigger

(c) Keywords (d) Replace

    (iv) _____ a cursor enables you to define the cursor and assign a name to it.

        (a) Declearing   (b) Stating

        (c) Extracting   (d) Importing.   2

  (c) Answer in one sentence :

    (i)   What is procedure ?

    (ii)   What is run time properties in a VB ?

    (iii) What is the importance of EXCEPTION Section of PL/SQL block ?

    (iv) What is use of GRANT command ?   4

2. (a) Explain VB Program structure.   6

   (b) Write a program in VB to find factorial of a number.   6

OR

3. (a) Explain private and public procedure in VB.   6

   (b) Explain passing control as an argument with example.   6

4. (a) Explain advance data control in VB.   6

   (b) Write a procedure to use VB application wizard.   6

OR

5. (a) Explain how to make Database and Visual Basic interfacing it.   6

   (b) Write a code to create student database and hold the name, Roll_no, CPS_marks, Phy_ marks and mth_marks for each student.   6

6. (a) Explain formatting with fonts with suitable example.   6

   (b) Design and write a program in VB to reverse a four digit integer number.   6

OR

7. (a) What is Printers Collection ? Explain, how the printer collection is accessed.   6

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

8. (a) What is PL/SQL ? State the features of PL/SQL.   6

   (b) Explain the following :   6

    (i)   SAVE POINT

    (ii) ROLL BACK

OR

9. (a) What is cursor ? Explain the steps to be carried out to use explicit cursor. Give example.

6

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

10. (a) What is database trigger ? Explain with example. 6

(b) Explain the following commands with example.

(i) GRANT

(ii) REVOKE 6

OR

11. (a) What are privileges ? Explain different types of privileges. 6

(b) Explain various types of database user. 6

12. (a) State the features of SQL Report. 6

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

OR

13. (a) Explain the limitation of static SQL. 6

(b) Explain creating and running reports. 6