

4. (a) Describe advance data control in VB. 6  
 (b) Write syntax to open a database and assign it to an object variable. 6

**OR**

5. (a) Write a procedure to use VB application wizard. 6  
 (b) Write a code to create employee database and hold the name, employee-code, designation, basic-salary, date-of-joining and sex for each employee. 6
6. (a) Design and write a program in VB to find out the area of a circle. 6  
 (b) Explain how to maintain the connection with database. 6

**OR**

7. (a) Design and write a program in VB to find out sum and average of n natural numbers. 6  
 (b) What is printers collection ? Explain, how the printers collection is accessed. 6

Fourth Semester B. Sc. (Part - II) Examination

**COMPUTER APPLICATION**

(Vocational)

4 S : Advance VB and RDBMS

P. Pages : 6

Time : Three Hours ]

[Max. 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 command used to close cursor is \_\_\_\_\_  $\frac{1}{2}$
- (ii) In PL/SQL variable declared in a section begin with \_\_\_\_\_  $\frac{1}{2}$
- (iii) \_\_\_\_\_ Data types in VB can store any whole number in the range 32768 to 32768.  $\frac{1}{2}$
- (iv) The extension of VB form file is \_\_\_\_\_  $\frac{1}{2}$

(B) Choose correct alternatives :—

- (i) To exit Visual Basic :
- Click Alt = Q.
  - Use the file menu to select Quit.
  - Use the file menu to select Exit.
  - Click on the diskette icon.  $\frac{1}{2}$
- (ii) Which of the following scenarios ends an oracle transaction ?
- Commit or Rollback is issued.
  - User disconnect from Oracle.
  - User process terminates abnormally.
  - All of the above.  $\frac{1}{2}$
- (iii) A VB control that allows the user to enter open-ended text is a :
- Label.
  - Button.
  - Form.
  - Textbox.  $\frac{1}{2}$
- (iv) The \_\_\_\_\_ command is used to open cursor.
- Open.
  - Close.

(c) Fetch.

(d) None of these.  $\frac{1}{2}$

(C) Answer in **One** sentence :—

- What is the difference between function and procedure ? 1
  - What is the default properties of data control ? 1
  - What is PL/SQL ? 1
  - What is Cursor ? 1
2. (a) Explain different data types used in VB. Describe how to declare them. 6
- (b) Explain, how to create controls at runtime. 6

**OR**

3. (a) Explain private and public procedure with suitable example. 6
- (b) Explain, how to set properties at design time and run time. 6

8. (a) Explain cursor control commands – open, fetch, close with example. 6
- (b) Explain SET transaction command with example. 6

**OR**

9. (a) What is PL/SQL ? Write the features of PL/SQL. 6
- (b) What is cursor ? Explain the use of Explicit cursor in PL/SQL block. 6
10. (a) Explain the concept of system and object privileges. 6
- (b) Explain GRANT and REVOKE privileges. 6

**OR**

11. (a) Explain how to maintain the security concept of Databases. 6
- (b) Explain database triggers. 6
12. (a) How to enter data in SQL \* forms ? Explain with example. 6

(b) Explain the procedure to create the report.

6

**OR**

13. (a) Explain the Basic concept of Dynamic SQL.

6

(b) What are the limitations of static SQL ?

6

