

B.Sc. (Part—II) Semester—IV Examination
4S : COMPUTER APPLICATIONS (Voc.)
(Advanced VB and RDBMS)

Time : Three Hours]

[Maximum Marks : 80

Note :— (1) Q. 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) To add a new record to an ADO recordset use the _____ method.

(ii) The extension of VB project file is _____.

(iii) System privileges and object privileges can be granted by using _____ command.

(iv) _____ is a mechanism, which is a temporary memory area in which result of query can be stored.

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(B) Choose the correct alternatives :

(i) For database connectivity in VB which of the following controls is used ?

(a) Timer control

(b) Data control

(c) Image control

(d) Tree view control

(ii) What is used to create ready to use application ?

(a) Application wizard

(b) Format menu

(c) List view control

(d) None of these

(iii) Which command will undo the entire transaction either upto start or upto the save point ?

- (a) Commit
- (b) Savepoint
- (c) Rollback
- (d) None of these

(iv) The exception handling in PL/SQL begins with the keyword :

- (a) START
- (b) Exception
- (c) Error
- (d) Loop

2

(C) Answer in one sentence each :

- (i) What is privileges ?
- (ii) What is the use of declare section in PL/SQL ?
- (iii) What is function in VB ?
- (iv) Specify the database connectivity controls in VB.

4

2. (a) Explain how to set properties at design time and run time.

6

(b) Explain program structure of VB.

6

OR

3. (a) Write a program in VB using function to find smallest and greatest number among three numbers.

6

(b) Explain private and public procedure with example.

6

4. (a) Explain the working of ADO control with suitable example.

6

(b) Explain how to connect database with visual basic environment.

6

OR

5. (a) Write a procedure to use VB application wizard.

6

(b) Explain advance data control in VB.

6

6. (a) Explain controlling and scaling of output using print collection. 6
(b) Write a program to apply various formatting effects to text entered by the user. 6

OR

7. (a) Explain print collection with example. 6
(b) Write a program to print the reverse of a given number. 6
8. (a) Explain the following with example :
(i) SAVEPOINT
(ii) ROLLBACK Segment. 6
(b) Define cursor. Explain cursor attributes. 6

OR

9. (a) Explain PL/SQL block structure. 6
(b) Explain following the explicit cursor and operations performed on it. 6
10. (a) Explain GRANT and REVOKE command with example. 6
(b) Explain column passing privileges with example. 6

OR

11. (a) Describe privileges with suitable example. 6
(b) Explain database triggers with example. 6
12. (a) How the dynamic SQL statement is executed ? Explain with example. 6
(b) Explain how to create a form and entering data in SQL * forms. 6

OR

13. (a) Explain limitation of static SQL. How it is overcome using dynamic SQL ? 6
(b) Explain the features of SQL * forms. 6

