

9. (a) Explain the data types supported by PL/SQL. 6
 (b) Explain the transaction processing commands of PL/SQL. 6
 10. (a) Explain database procedure with example. 6
 (b) Explain various types of database users. 6

OR

11. (a) Explain the types of privileges for database users. 6
 (b) Explain the following commands with their syntax and example. 6
 12. (a) Explain the limitation of static SQL. 6
 (b) Explain to create forms. 6

OR

13. (a) Explain creating and running reports. 6
 (b) Explain dynamic SQL queries. 6

AP-478

B.Sc. (Part-II) Semester-IV Examination
4S : COMPUTER APPLICATIONS (Vocational)
(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 and rewrite the following : 2
 (i) ADO stands for _____.
 (ii) _____ method is used to print numeric and text data on the printer.
 (iii) Logical values on which logical operations are performed using PL/SQL datatype _____.
 (iv) PL/SQL supports programmers to handling the error or catch the error using _____ block in the program.
 (B) Choose the correct alternatives : 2
 (i) Which property specifies the number of copies to print ?
 (a) Print (b) Drivename
 (c) Copies (d) Page

(ii) _____ shows appearance and behaviour of a control.

- (a) Code (b) Event
(c) Method (d) Property

(iii) To discard all pending data changes :

- (a) Commit (b) Rollback
(c) Save point (d) Lock

(iv) The PL/SQL data type varchar2 is used to store _____.

- (a) Numbers
(b) Binary data
(c) Characters
(d) Variable length character data

(C) Answer in **one** sentence : 4

- (i) What is procedure ?
(ii) What is scope of variable ?
(iii) What is cursor ?
(iv) What is the importance of EXCEPTION section of PL/SQL block ?

2. (a) Explain passing data by reference with suitable example. 6
(b) Explain how to set properties at design time and runtime. 6

OR

3. (a) Write a program in VB to find factorial of a number. 6
(b) Explain passing control as a argument with example. 6
4. (a) Explain ADO controls in details. 6
(b) Write a procedure to use VB application wizard. 6

OR

5. (a) Explain data control with suitable example. 6
(b) Write a code to create an employee database and hold the name, emp-code, designation, salary and sex for each employee. 6
6. (a) Design and write a program in VB to reverse a four digit integer number. 6
(b) Explain the working of printers collection with suitable example. 6

OR

7. (a) Explain the various properties for scalling output in printers. 6
(b) Explain formatting with fonts with suitable example. 6
8. (a) What is PL/SQL ? State the features of PL/SQL. 6
(b) What is a cursor ? Explain the steps to be carried out to use explicit cursor. Give example. 6

OR