

4008-05

Printed Pages : 8

Degree (Part-III) Examination, 2021

(Vocational)

COMPUTER APPLICATION

[ PPU-D-III-(H)-BCA-5 ]

( Programming in Visual Basic and  
Database Management )

Time : Three Hours]

[Maximum Marks : 100

**Note :** Candidates are required to give their answers in their own words as far as practicable. The questions are of equal value. Answer **any five** questions. Question No. 1 is **compulsory**.

1. Choose the correct answer from the followings :
- (a) In visual basic, the storage size of data type currency is :
- (i) 1 Byte
  - (ii) 2 Byte
  - (iii) 4 Byte
  - (iv) 8 Byte

4008-05/1740

( 1 )

[P.T.O.]

(b) Visual Basic is .....

- (i) High Level
- (ii) Assembly Language
- (iii) Machine Language
- (iv) None of these

(c) ODBC stands for .....

- (i) Oracle Database Connectivity
- (ii) Open Database Connectivity
- (iii) Both (i) and (ii)
- (iv) None of these

(d) Which one is combines the features of textbox and listbox ?

- (i) Picture Box
- (ii) Check Box
- (iii) Combo Box
- (iv) Option Buton

(e) Which One is special tool available in VB to access database connectivity ?

(i) VDM

~~(ii) ADO~~

(iii) DAO

(iv) None of these

(f) MDI stands for .....

(i) Multiple Data Interface

(ii) Multiple Document Interface

(iii) Multiple Data Interpreter

(iv) None of these

(g) Extension of standard module .....

(i) BAS

(ii) CLS

(iii) FRM

(iv) None of these

(h) Backend for VB :

(i) Java

(ii) Python

(iii) C++

~~(iv)~~ Oracle

(i) DML stands for :

(i) Data Manipulator Language

(ii) Data Main Language

~~(iii)~~ Data Manipulation Language

(iv) None of the above

(j) Father of DMBS :

~~(i)~~ Dr. Eadger Codd

(ii) Von Newman

(iii) John Macarthy

(iv) None of these

2.

- (a) Explain in detail, why visual basic is known as even-driven programming language.
- (b) Explain the different data types available in VB with example.

3.

- (a) What is array ? Discuss array in VB with suitable example.
- (b) What is use of message box and input box in VB ? Write a program to enter two number through input box and print smallest number in message box.

4.

- (a) Explain Textbox, Label and Command Button with their properties methods and events.
- (b) What is difference between MDI and SDI ?

5.

- (a) What do you mean by IDE ? Explain each of their components.
- (b) Write a program take three number input in textbox and print greatest number on Label using command button.

6. (a) Write difference between DBMS and RDBMS.  
(b) Write three level architecture of DBMS.
7. (a) Write advantages and disadvantages of DMBS.  
(b) Discuss DDL and DML language with suitable example.
8. What is form in VB 6.0 ? Discuss the following from method show, hide, load, unload, activate, deactivate method.
9. (a) Write difference between function and procedure in VB.  
(b) What is ODBC ? How can you create the ODBC in VB ?
10. Write Short notes on **any four** of the followings :
- (a) Commit and Rollback
  - (b) ADO
  - (c) RDMBS
  - (d) Relational data model

(e) Primary key

(f) Foreign Key

-----X-----

hex 117

11  
16 11 12