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Printed Pages : 8

Degree (Part-III) Examination, 2022

(Vocational)

COMPUTER APPLICATION

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

(Programming in Visual Basic and
Database Management System-I & II)

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. Q.No. 1 is **compulsory**.

1. Choose the correct answer from the following :

(i) In Visual Basic, the storage size of data type single data type is :

(a) Byte (b) 2 Byte

(c) 4 Byte (d) 8 Byte

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(1)

[P.T.O.]

(ii) Visual Basic is :

(a) Structured language

~~(b) Object oriented~~

(c) Monolithic

(d) None of these

(iii) ADO stands for :

(a) Active Data Object

(b) Activex Data Object

(c) Both (a) and (b)

(d) None of these

(iv) Which one Combines the properteis of text box:

(a) Caption

(b) Name

(c) Back Color

~~(d) All of these~~

(v) Name of Control Insert Image :

- (a) Image Box
- (b) Picture
- (c) Insert Image
- (d) None of these

(vi) SDI Stands for :

- (a) Single Data Interface
- (b) Single Document Interface
- (c) Sign Data Interpreter
- (d) None of these

(vii) Extension of standard VB form :

- (a) .BAS
- (b) .CLS
- (c) .FRM
- (d) None of these

(viii) VB is API :

- (a) Back end
- (b) Front end
- (c) Both (a) and (b)
- (d) None of these

(ix) DCL Stands for :

- (a) Data Confidence Language
- (b) Data Control Language
- (c) Data Command Language
- (d) None of these

(x) VB developed by :

- ~~(a) Microsoft Corporation~~
- (b) Von- Newman
- (c) Sun Microsystem
- (d) None of these

2. (a) Explain VB IDE Interface in details with diagram.
- (b) Write difference between VB and C++.
3. (a) Discuss the all types of Control Statement of VB.
- (b) Write a program to enter a number through input box and check number is prime or not.
4. (a) Write difference between checkbox and option button.
- (b) Define the Keyword ReDim with suitable example.
5. (a) Write a program using VB form to take two number using text control and display arithmetic result on label on click separate command button.
- (b) Write steps to connect a VB to database using Data Control database "BCA.accdb".
6. (a) Write advantages of RDBMS.
- (b) Write all the rules of E.F. Codd's.
7. (a) Discuss the role of SQL in Database with suitable example.

- (b) Discuss DCL and DTL language with suitable example.
8. Define form in VB. Create a login form and take username and password Using text control and on click Command Button check "admin" as User name and password open a new welcome form with welcome message on label.
9. (a) Write all the events of VB ?
- (b) What is join? Discuss various types of join.
10. Write short notes on **any four** of the following :
- (i) Module
 - (ii) Procedure in VB
 - (iii) Commit
 - (iv) Candidate Key
 - (v) Super Key
 - (vi) Null constraints

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