

Arcale:

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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 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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