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Bachelor of Computer Application

B.C.A. (III Year) Examination, 2019

VISUAL PROGRAMMING

Paper-II (BCA-302)

Time Allowed : Three Hours

Maximum Marks : 75

Attempt five questions in all, selecting one question from each Unit. All questions carry equal marks.

प्रत्येक इकाई में से एक प्रश्न का चयन करते हुए कुल पाँच प्रश्नों के उत्तर दीजिए। सभी प्रश्नों के अंक समान हैं।

Unit-I

1. Discuss the following VB controls with example :

   (a) Menu Bar

   (b) Tool Bar

   (c) Message Box

   (d) Pop up Menu

   (e) Dialogue Box. 5×3=15

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2. (a) Differentiate between file server and client server database.

   (b) Differentiate between two tier *versus* three tier client server models.

   (c) Differentiate between intrinsic and advance control in VB. 3×5=15

Unit-II

3. Explain the following in VB :

   (a) Math operations

   (b) Control Statements

   (c) Array. 3×5=15

4. (a) Write a code in Visual Basic to find a maximum number among given N numbers.

   (b) Write a code in Visual Basic to find a reverse number of a given number. 7,8

UNIT-III

5. Write short notes on the following :

   (a) Data control

   (b) ODBC

   (c) ADO. 3×5=15

6. Write necessary VB coding to enter/create ten students records of a given database, also write a code for search a record. Assume suitable database structure and search criteria. 15

UNIT-IV

7. Write short notes on : 3×5=15

(a) Active X control

(b) Poperties Wizard

(c) Data grid control.

8. Wrtie a program to create a user define DLL to get a user name and password and perform input validation. 15

UNIT-V

9. Write short notes on :

(a) VB Script

(b) COM interface

(c) Data records. 3×5=15

10. (a) How are crystal reports created in VB ? Illustrate an inventory report with suitable format.

(b) How is an Exe Project created in VB ? Give example. 8,7

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