B. Sc. (Sem. IV) (CBCS) Examination
March / April - 2017
BSCA - 401 : Visual Basic & Access

Faculty Code : 003

Subject Code : 001412

Time : $2\frac{1}{2}$ Hours]　　　　　　　　　　　　　[Total Marks : **70**

1 Answer the following questions in short :　　　　　**20**

(1) Full form of MDI _____

(2) Full form of IDE _____

(3) Visual Basic is _____ language.

(4) Write the default event of Command button control.

(5) Write the default event of Textbox control.

(6) _____ is the extension of visual basic form.

(7) _____ is the extension of visual basic project.

(8) Which event is activated when a option button is selected?

(9) Which of the property of ListBox allow user to select multiple value ?

(10) Which of the following method used to set picture at runtime?

(11) Full form of DBMS _____

(12) Full form of SQL _____

(13) Write the syntax of Insert command in SQL.

(14) Write the syntax of Update command in SQL.

(15) Write the Syntax of Delete command in SQL.

(16) What is database?

(17) What is macro in MS Access?

(18) Full form of ADO

(19) _____ statement is used to sorting a records in SQL.

(20) _____ statement is used to display only uniq records in SQL.

2   (a)   Explain/Define following Terms : (Any **three**)   6

      (1)   Datediff( )

      (2)   Asc( )

      (3)   Strcomp( )

      (4)   Loadpicture( )

      (5)   Rnd( )

      (6)   Ucase( )

   (b)   Attempt any **three** :   9

      (1)   Explain User Define Function in visual basic.

      (2)   Explain Data types in visual basic.

      (3)   Explain any three properties of Text box control in visual basic.

      (4)   Differentiate: PictureBox and ImageBox.

      (5)   Explain select case in visual basic.

      (6)   Explain Listbox control in visual basic.

   (c)   Attempt the following questions : (Any **two**)   10

      (1)   Explain Visual Basic as IDE.

      (2)   What is Control Array? Explain steps to create it.

      (3)   Explain inputbox and msgbox.

      (4)   Write a short note on ActiveX Data Object.

      (5)   Write a code in VB to check whether given year is leap year or not.

3 (a) Answer the following questions : (Any **three**)   **6**

     (1) SELECT Query

     (2) What is Data Redundancy?

     (3) Explain CREATE TABLE command.

     (4) Explain BETWEEN operator in SQL.

     (5) Explain WHERE statement in SQL.

     (6) What is Data Sharing?

(b) Attempt any **three** :   **9**

     (1) Explain E.F. Codd Rules.

     (2) Explain E.R. Diagram.

     (3) Explain creating query in access.

     (4) Explain JOIN.

     (5) Explain data types in access.

     (6) Explan creating table in access.

(c) Attempt any **two** :   **10**

     (1) Write the steps for creating Reports using Wizard in access.

     (2) Explain Normalization.

     (3) Explain unbounded connectivity in visual basic.

     (4) Explain Menu Editor in visual basic.

     (5) Explain Common Dialog Control in visual basic.