



AAW-003-001412      Seat No. \_\_\_\_\_

### B. Sc. (Sem. IV) (CBCS) Examination

**April / May - 2016**

## CA-401 : Visual Basic & Access

**Faculty Code : 003**

**Subject Code : 001412**

Time :  $2\frac{1}{2}$  Hours ]

[ Total Marks : 70

**1 MCQ :**

- (1) What is default value of Maxlength property of Textbox in visual basic?  
(A) 0 (B) 100  
(C) 1 (D) 15
- (2) Which is the default data type in visual basic?  
(A) Object (B) String  
(C) Variant (D) None of the above
- (3) ADO stands for \_\_\_\_\_.  
(A) Active Data Object  
(B) Activity Data Operator  
(C) Trim Activex Data Object  
(D) Active Directory Object
- (4) Define the output of the following code :  
text1.text = "visual basic"  
text2.text = mid(text1.text, 8, 5)  
(A) visual (B) ual basic  
(C) visual bas (D) basic
- (5) Which of the following function is used to remove space from both the side of the string value?  
(A) Trim( ) (B) LTrim( )  
(C) RTrim( ) (D) Len( )
- (6) \_\_\_\_\_ property is used to display text when you keep your mouse cursor on that Control.  
(A) Enabled (B) Text  
(C) ToolTipText (D) Mouse Pointer

- (7) What does IDE stands for?  
 (A) Integrated Development Environment  
 (B) Integrated Design Environment  
 (C) Interior Development Environment  
 (D) Interior Design Environment
- (8) Which property determines whether a control is displayed to the user ?  
 (A) Hide (B) Show  
 (C) Visible (D) Enable
- (9) Default event of TextBox is \_\_\_\_\_.  
 (A) Hide (B) Show  
 (C) Visible (D) Change
- (10) Which is the extension of Visual Basic Form?  
 (A) ".form" (B) ".frm"  
 (C) ".vbf" (D) "w".vbp"
- (11) Which of the following is not a data type of access?  
 (A) Look in (B) OLE object  
 (C) Hyperlink (D) Memo
- (12) Normalization is used for \_\_\_\_\_.  
 (A) To reduce data redundancy  
 (B) Data integrity  
 (C) Both (A) and (B)  
 (D) None
- (13) Which of the following database object hold data?  
 (A) Query (B) Report  
 (C) Tables (D) Forms
- (14) Can insert be used in place of update?  
 (A) True  
 (B) False  
 (C) It is replacement of update  
 (D) None
- (15) What is the default order of ORDER By clause ?  
 (A) Descending (B) Ascending  
 (C) Random (D) None of these
- (16) What is the other name of INNER JOIN?  
 (A) Outer join (B) In Join  
 (C) Equi join (D) All of the above.
- (17) The Sub query is also known as \_\_\_\_\_ query.  
 (A) Related (B) Relational  
 (C) Co-relational (D) Co-related

- (18) Full form of SQL.
- (A) Structured query language
  - (B) Standard query language
  - (C) Structure question language
  - (D) Standard question language
- (19) Full form of DBMS.
- (A) Database manager System
  - (B) Data management System
  - (C) Data Manager System
  - (D) Database Management System
- (20) I am a data type of access, I can allow alphanumeric, character and special symbols.
- (A) Auto number                      (B) Date
  - (C) Hyper Link                      (D) Text

- 2**    (a)    Answer the following : (any **three**) **6**
- (1)    Explain scope of variable.
  - (2)    Explain Format() function with example.
  - (3)    Explain Rnd()    function with example.
  - (4)    Explain Load and Unload event.
  - (5)    Differentiate properties and methods.
  - (6)    Explain Len() with example.
- (b) Answer any **three** : **9**
- (1)    Differentiate PictureBox and Image Control.
  - (2)    Explain relational operator in brief.
  - (3)    Explain DateDiff() function with exmple.
  - (4)    Explain VB as an event driven programming language.
  - (5)    Explain Replace() function with example.
  - (6)    Expalin InStr() function with example.
- (c) Explain in Detail : (any **two**) **10**
- (1)    Explain VB as an IDE.
  - (2)    Explain MsgBox() and InputBoxO functions with example.
  - (3)    Write a VB code to allow user to add, edit and delete the records in student table from stud.mdb database file using ADO unbound connectivity.

- (4) Explain the following properties in brief.
  - (i) WindowState
  - (ii) MaxLength
  - (iii) PasswordChar
  - (iv) Multiline
  - (v) Picture
- (5) Explain Timer control with suitable example.

**3** (a) Answer the Following : (any **three**) **6**

- (1) How to create table in access? Explain Steps.
- (2) What is Data Integrity?
- (3) Explain IN and BETWEEN operators.
- (4) What is Find Duplicate Query Wizard View in Access?
- (5) Explain Export Command of Access.
- (6) Explain Update and Delete Query Syntax in Oracle.

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

- (1) Dr. E.F Codd Rules.
- (2) Cross Tab Query Wizard View in Access.
- (3) How to create make table query wizard in Access.
- (4) Explain any three operator with ex.
  - (1) ANY
  - (2) NOT
  - (3) LIKE
  - (4) OR
- (5) How to create Pivot chart wizard form view in Access ?
- (6) What is sub-query?

(c) Explain any **two** following. **10**

- (1) What is Normalization? Explain 1<sup>st</sup> and 2<sup>nd</sup> normal form with example.
- (2) What is Relationship? Explain types of it.
- (3) Explain Data types of Access.
- (4) What is Join? Explain its types.
- (5) What is Database? Explain object of access.