



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 example.
(4) Explain VB as an event driven programming language.
(5) Explain Replace() function with example.
(6) Explain InStr() function with example.

(c) Explain in Detail : (any **two**) **10**

(1) Explain VB as an IDE.
(2) Explain MsgBox() and InputBox() 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 1st and 2nd 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.
