

## QUESTION 2016

### Group – A

#### (Multiple Choice Type Questions)

1. Choose the correct alternatives for the following:

i) The Key Press event occurs

- ☒ a) when you press any key
- b) when you press any function key
- c) when you press any non-ASCII key
- d) when you press any ASCII key

ii) ODBC stands for

- a) Open Database Connection
- b) Object Database Connection
- c) Oracle Database Connection
- d) none of these

iii) Each control, in Visual Basic Form is defined by

- a) Caption property
- b) Text property
- c) Value property
- ☒ d) Name property

iv) The extension of an ActiveX control is

- a) .VBX
- ☒ b) .OCX
- c) .RESX
- d) none of these

v) VB variables are ..... by default.

- a) String
- b) Integer
- c) Short
- ☒ d) Variant

vi) The default event for a Combo Box is

- ☒ a) Click
- b) LostFocus
- c) Leave
- d) none of these

vii) The ..... control is called collection or group of other controls.

- ☒ a) Shape
- b) Data
- c) Line
- d) none of these

viii) The control that cannot be displayed on the screen in

- a) Data controller
- b) Option button
- c) Check box
- ☒ d) Timer

ix) Which event is triggered when the user moves to another form?

- a) Unload
- b) Deactivate
- ☒ c) Terminate
- d) Load

x) What is the sequence in which the following events are triggered when a form is loaded?

- a) Initialize, Resize, Paint, Load
- b) Load, Initialize, Resize, Paint
- c) Initialize, Load, Paint, Resize
- ☒ d) Initialize, Load, Resize, Paint

**Group – B**

**(Short Answer Type Questions)**

2. Write an application program in VB to print the Fibonacci numbers up to 50.

See Topic: CODE WINDOW, Short Answer Type Question No. 2.

3. What is Event Programming? Differentiate between Procedural Programming and Object Oriented Programming.

See Topic: INTRODUCTION TO VISUAL BASIC, Short Answer Type Question No. 5.

4. What is the select-case structure? When do we use it? Give the general syntax of select-case structure.

See Topic: SEARCHING, Short Answer Type Question No. 7.

5. What are actual parameter and formal parameter? Explain with an example.

See Topic: CODE WINDOW, Short Answer Type Question No. 14.

6. What is the difference between drop-down menu and pop-up menu? What is the purpose of menu editor? How is the menu editor accesses?

1<sup>st</sup> Part: See Topic: CREATING STANDARD EXE FILE, Short Answer Type Question No. 5.

2<sup>nd</sup> Part: See Topic: CODE WINDOW, Short Answer Type Question No. 9.

**Group – C**

**(Long Answer Type Questions)**

7. a) What is dynamic array? Explain with an example.

b) Write the difference between Call by value and Call by reference.

c) Write a code to input a string and show whether it is palindrome or not.

a) See Topic: ARRAYS, Question No. 1 of Short Answer Type Questions.

b) See Topic: SEARCHING, Question No. 1(a) of Short Answer Type Questions.

c) See Topic: CODE WINDOW, Short Answer Type Question No. 4.

8. a) State the four properties of combo box object.

b) Take a Combo box and enter 1 to 20 into it. Show the multiplication table in a list box of the selected number from the combo box.

c) What are the differences between list box and combo box?

a) See Topic: CREATING STANDARD EXE FILE, Long Answer Type Question No. 6(b).

b) See Topic: CODE WINDOW, Short Answer Type Question No. 18.

c) See Topic: CREATING STANDARD EXE FILE, Short Answer Type Question No. 1(b).

9. Write down the differences between the following:

a) Input box and MsgBox

b) Picture box and Image box

c) Class and Object

a) See Topic: CREATING STANDARD EXE FILE, Short Answer Type Question No. 1(a).

b) See Topic: CREATING STANDARD EXE FILE, Short Answer Type Question No. 3.

c) See Topic: INTRODUCTION TO VISUAL BASIC, Long Answer Type Question No. 1(c).



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10. a) Write a code to perform selection sort.  
b) Write a code to sort a list of students' name alphabetically.  
c) Write a click event to search a particular number in an array of 15 numbers using linear search.  
a) See Topic: **SEARCHING**, Long Answer Type Question No. 1.  
b) See Topic: **ARRAYS**, Short Answer Type Question No. 2.  
c) See Topic: **SEARCHING**, Short Answer Type Question No. 10.
11. a) Discuss briefly about sub-procedure, event procedure and function procedure in VB.  
b) What is the difference between ADO and RDO?  
c) Write a program to display current date and time.  
a) See Topic: **SEARCHING**, Long Answer Type Question No. 14 (1<sup>st</sup> & 2<sup>nd</sup> part).  
b) See Topic: **SAVING FORMS AND PROJECTS**, Short Answer Type Question No. 14.  
c) See Topic: **CREATING STANDARD EXE FILE**, Short Answer Type Question No. 4.