

## **QUESTION 2014**

### **Group – A**

#### **(Multiple Choice Type Questions)**

1. Choose the correct alternatives for any *ten* of the following:

i) What is the sequence of events when a form is unloaded?

- ☒ a) Unload, QueryUnload, Terminate
- ☐ b) QueryUnload, Unload, Terminate
- ☐ c) Unload Only
- ☐ d) Query Unload, Unload

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

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

iii) When is the terminate event of a form triggered?

- ☐ a) When the user moves to another form or program
- ☒ b) When the form is unloaded
- ☐ c) Never
- ☐ d) When all references to the form are deleted

iv) 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

v) The default lower index of an array is

- ☐ a) 2
- ☐ b) 1
- ☒ c) 0
- ☐ d) None of these

**B CP-101**

## POPULAR PUBLICATIONS

- vi) ADO is a/an  
a) Method                      ✓b) Object model                      c) Inbuilt function                      d) All of these
- vii) The \_\_\_\_\_ control is called collection or group of other controls.  
✓a) Shape                      b) Data                      c) Line                      d) None of these
- viii) IDE stands for  
a) Integrated Design Environment                      b) Information Development environment  
✓c) Integrated Development Environment                      d) None of these
- ix) Visual Basic is \_\_\_\_\_ interface.  
a) Back-end                      ✓b) Front-end                      c) Both of these                      d) None of these
- x) The default variable of VB are  
a) Integer                      b) String                      c) Short                      ✓d) Variant

### **GROUP – B**

#### **(Short Answer Type Question)**

2. Why is VB6 an event Drive programming language? Explain with example.

See Topic: INTRODUCTION TO VISUAL BASIC, Short Answer Type Question No. 1.

3. Write a program in VB to check whether a number is Palindrome or not?

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

4. What is 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 is loop? Difference between static array and Dynamic array.

1<sup>st</sup> Part: See Topic: CODE WINDOW, Long Answer Type Question No. 1(b).

2<sup>nd</sup> Part: See Topic: ARRAYS, Short Answer Type Question No. 1.

6. Write the difference between any two of the following.

a) List Boxes and Combo Boxes

b) Class and object

c) InputBox and Messagebox

See topic: CREATING STANDARD EXE FILE, Short Answer Type Question No. 1.

### **GROUP – C**

#### **(Long Answer Type Question)**

7. a) Write a VB code to perform insertion sort.

See Topic: SEARCHING, Long Answer Type Question No. 4(a).



b) Find the following sum  $S=1+3+5+\dots+n$ . Where n will be submitted by user in text box.

Using

- i) For-next
- ii) Do until-loop
- iii) Do-loop until
- iv) while-wend

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

8. a) Write a VB program to check whether a year is leap or not.

b) Write the difference between Public function and Private function.

c) What do you mean by control Array? Explain with example. What is the significance of 'Option Explicit'?

a) See Topic: CODE WINDOW, Long Answer Type Question No. 3(a).

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

c) See Topic: ARRAYS, Question No. 3 of Short Answer Type Questions.

9. a) Write a program to Add, Modify and Delete records to/from the student table?

See topic: SAVING FORMS AND PROJECTS, Long Answer Type Question No. 2(a).

b) What is docking? What is collection? How does it differ from Array?

1<sup>st</sup> Part: See Topic: SAVING FORMS AND PROJECTS, Long Answer Type Question No. 2(c).

2<sup>nd</sup> Part: See Topic: INTRODUCTION TO VISUAL BASIC, Short Answer Type Question No. 2.

10. Write a program to display Fibonacci series.

What is an Array? What is Option Base statement?

Write a program to transpose a matrix.

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

2<sup>nd</sup> Part: See Topic: ARRAYS, Short Answer Type Question No. 8.

3<sup>rd</sup> Part: See Topic: CODE WINDOW, Short Answer Type Question No. 16.

11. Write a program to add, edit, and delete records to/from the table. What is Option Explicit statement? Explain with suitable example. Describe the scope of Dim, Private, Public variables.

1<sup>st</sup> Part: See Topic: SAVING FORMS AND PROJECTS, Long Answer Type Question No. 4(a).

2<sup>nd</sup> & 3<sup>rd</sup> Part: See Topic: CODE WINDOW, Long Answer Type Question No. 9.

12. Write a program which will take 10 number from the user and add them up using appropriate message box and input box.

Describe the following events –

- A. Load
- B. Show
- C. LostFocus
- D. KeyPress
- E. ReDim

What is data validation? Give an example.

What is primary key and foreign key? What is the difference between primary key and unique key?

See Topic: CREATING STANDARD EXE FILE, Long Answer Type Question No. 4.