

## **QUESTION 2012**

### **GROUP - A**

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

1. Choose the correct alternatives of the following:

i) Which of the following is not the property of TextBox?

- ☒ a) List count      b) Multiline      c) Scroll Bar      d) Max length

ii) Which of the following is not a valid data type?

- a) Integer      ☒ b) Float      c) Char      d) Variable

iii) The 'event' that occurs when a form gets the focus is

- ☒ a) GotFocus      b) Activate      c) Initialize      d) Load

iv) Visual Basic is .....interface.

- a) back-end      ☒ b) front-end      c) both of these      d) none of these

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

- ☒ a) shape      b) data      c) line      d) none of these

vi) The ..... function is used to print data in a form.

- a) show      b) echo      ☒ c) print      d) all of these

vii) VB variables are.....by default.

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

viii) What will be the result of the following expression 5 Mod 100?

- a) An error      ☒ b) 5      c) 0      d) 20

ix) The default lower index of an array is

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

x) ADO is a/an

- a) method      b) object model      ☒ c) inbuilt function      d) all of these

### **GROUP - B**

#### **(Short Answer Type Questions)**

2. Explain different scopes in Visual Basic.

See Topic: CODE WINDOW, Short Answer Type Question No. 5.

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

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



## **POPULAR PUBLICATIONS**

4. What is the difference between Call by Value and Call by Reference? Explain with the help of example.

See Topic: **SEARCHING**, Short Answer Type Question No. 4.

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

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

6. Distinguish between the following:

a) Image and picture box control

b) Radio buttons and check box.

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

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

### **GROUP – C**

(Long Answer Type Questions)

7. a) What is an IDE? Write the functions of FOCUS.

b) What is a loop? Explain all the loops provided by VB.

c) What is a Mid () function? Explain with example.

a) & c) See Topic: **CODE WINDOW**, Long Answer Type Question No. 8(a) & (b).

b) See Topic: **CODE WINDOW**, Long Answer Type Question No. 1(b) & 2(a).

8. a) What is the difference between fixed size array and dynamic array? Explain with example each type of array. Why the keyword 'Preserve' used in dynamic array?

b) Write a program to sort 10 numbers in ascending order and display them.

c) Write the difference between function and procedure with example. What is the use of optional argument?

a) See Topic: **ARRAYS**, Short Answer Type Question No. 5.

b) See Topic: **CODE WINDOW**, Long Answer Type Question No. 2(b).

c) See Topic: **SEARCHING**, Short Answer Type Question No. 9.

9. a) What is file? Explain briefly Sequential file and Random Access File.

b) Within a sequential data file, what is the difference between the Print # and Write # statements?

c) 'VB is an object oriented language. Explain. Why is it known as an Event driven programming language?

a) & b) See Topic: **SEARCHING**, Long Answer Type Question No. 6(a) & (b).

c) See Topic: **INTRODUCTION TO VISUAL BASIC**, Long Answer Type Question No. 2.

10. a) Write a select case statement in VB with an example.

b) Write a VB program that checks whether a year is leap year or not.

c) What function can be used to convert the lowercase letters to uppercase letters and vice-versa?

d) What is a variant? Describe the Trim() function.

a) See Topic: **SEARCHING**, Short Answer Type Question No. 3.

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

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

d) See Topic: **INTRODUCTION TO VISUAL BASIC**, Short Answer Type Question No. 6.

## COMPUTER PROGRAMMING

11. Write Short notes on any three of the following:

- a) Message box function
  - b) 2-D array
  - c) Listbox control
  - d) Timer control
- a) See Topic: CREATING STANDARD EXE FILE, Short Answer Type Question No. 1(a).
- b) See Topic: ARRAYS, Long Answer Type Question No. 3(b).
- c) See Topic: CREATING STANDARD EXE FILE, Long Answer Type Question No. 6(d).
- d) See Topic: CREATING STANDARD EXE FILE, Long Answer Type Question No. 6(c).