

Total No. of printed pages = 5

END SEMESTER EXAMINATION – 2021

Semester : 5th (New)

Subject Code : Co-506

VISUAL PROGRAMMING

Full Marks – 35

Time – Two hours

The figures in the margin indicate full marks
for the questions.

Instruction :

- All questions of PART – A are compulsory.

PART – A

Marks – 12

1. Fill up the blanks with appropriate word / sentence : $1 \times 4 = 4$
 - (a) _____ is known as an instance of a class.
 - (b) The size of a long integer is _____ bytes.

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(c) The function procedures are _____ by default.

(d) Data _____ is used to retrieve data from a data source in a read-only and forward-only mode.

2. Write true or false : $1 \times 4 = 4$

(a) If a Class is inherited, its constructor is inherited automatically and it is fired automatically.

(b) Using OLEDB you can connect more than one table.

(c) A DataSet can hold multiple tables even if there are similar fields.

(d) An ArrayList() is a static array.

3. Choose correct answer : $1 \times 4 = 4$

(i) In ADODB the _____ property is used to connect to the table.

(a) RecordSet (b) DataSource

(c) RecordSource (d) Connection

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(2)

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(ii) What cannot be done if the table has no primary key ?

- (a) Insert and Update
- (b) Update and Delete
- (c) Select and Delete
- (d) Insert and Select

(iii) The correct sequence of form loading is

- (a) Load
- (b) Initialize, Load, Activate
- (c) Initialize, Activate, Load
- (d) Activate, Initialize, Load

(iv) InputBox by default returns _____ values.

- (a) Integer
- (b) Byte
- (c) Double
- (d) String.

PART – B

Marks – 23

Answer question number 8 and *any two* from the rest.

4. (a) What do you mean by .NET and .COM ?

2+2=4

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(3)

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- (b) Why a namespace is imported in a VB.NET program ? 3
- (c) Differentiate between combo box and list box. 2
5. (a) What is the objective of Common Language Runtime(CLR) ? Mention two important components of CLR. 2+2=4
- (b) Show the flow chart for execution of a VB.NET program. 3
- (c) What is the advantage of inheritance ? 2
6. (a) Briefly explain the functions of master pages in ASP.NET. 3
- (b) Give a program in VB.NET implementing a parameterized constructor. 4
- (c) What is a server side scripting ? 2
7. (a) What are the ADO objects ? Explain in brief. 4
- (b) What is a DataReader ? 3

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(4)

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- (c) What is the difference between DataSet and Data Provider ? 2
8. Explain any *one* of the following : 5
- (a) Exception Handling
- (b) ASP.NET Page Life Cycle.

