



PAQ-003-039502

Seat No. _____

B. Voc. (Sem. V) Examination

October / November - 2018

ACTECH 5.2 : Programming with C#.NET

Faculty Code : 003

Subject Code : 039502

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

1 Answer the following questions : 20

(1) Can an abstract class be declared as sealed ?

(Yes/No)

(2) Sealed classes cannot be a base class. (True/False)

(3) Dot Net has _____ access specifies.

(4) _____ keyword prevent a class from being inherited.

(5) _____ key is used to run project in visual studio 2008.

(6) _____ key is used to execute a step one by one in debug window.

(7) _____ collection has key / value pairs.

(8) What is full form of SDI ?

(9) What is full form of BCL ?

(10) What does IDE stand for ?

(11) _____ method is used to call MessageBox.

(12) How many constructors does a class have ?

- (13) What is methods ?
- (14) How to print "Hello" in console ?
- (15) What is a base class ?
- (16) How we can declare Array in C#.net ?
- (17) What is methods ?
- (18) What is const variable ?
- (19) How to declare comment in C#.NET ?
- (20) What is static variable ?

2 (a) Answer the following : (any **three**) **6**

- (1) Explain Managed Code and Unmanaged Code.
- (2) Explain data types in C#.
- (3) Explain Garbage collection.
- (4) Explain method overloading with example.
- (5) Explain IL.
- (6) Explain variable.

(b) Answer the following : (any **three**) **9**

- (1) Explain visual studio IDE.
- (2) What is Jagged Array and how to declare it ?
- (3) Give the difference : Ado Vs. Ado.net
- (4) Explain inheritance with suitable example.
- (5) Explain Access Specifies.
- (6) Describe MouseEvent in Windows Form Application.

(C) Answer the following : (any **two**) **10**

- (1) What is ADO.NET ? Explain architecture of Ado.Net in detail.
- (2) Explain type of project in C#.net.
- (3) What is class ? Explain in detail with example.
- (4) Explain architecture of .net platform.
- (5) Give the difference between Data Reader and DataSet.

3 (a) Answer the following (any **three**) **6**

- (1) Explain following controls : TextBox, Button, Label.
- (2) Explain following controls : GroupBox, CheckedListBox,
- (3) Explain connection class in detail.
- (4) Explain command class in detail.
- (5) Explain ToolTip, Timer controls.
- (6) Explain properties.

(b) Answer the following : (any **three**) **9**

- (1) Explain any two Dialog Boxes.
- (2) Explain ListView Control.
- (3) Explain events in detail.
- (4) Explain Namespace with example.
- (5) Explain loop statements.
- (6) Explain JIT in detail.

(c) Answer the following : (any two)

10

- (1) Explain DataAdapter class in detail.
- (2) What is collection ? Explain any one collection type in detail.
- (3) Write a program that reverses the words in given sentence.

Example : "C# in not C++, not PHP and not Delphi!"

Out Put → "Delphi not and PHP, not C++
not is C#!".

- (4) Write a code for insert a record in data base

Note : Table name : Student (SID, SName, tot_marks)

- (5) Explain DataGrid.