9. What is common type system? Also explain common language specification.

10. Explain the following :

    (a) Web application in C#.

    (b) Namespace systems

    (c) Sockets

11. Write short notes on any **two** of the following:

    (a) Localization

    (b) Data handling

    (c) Strings

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**P**           **(Printed Pages 4)**

# 17/79-C

## B.C.A. (Fifth Semester) Examination, 2017

### Paper : First (503)

### (.Net,Frame-Work And C#)

*Time : Three Hours ]*      *[ Maximum Marks : 70*

**Note :** Attempt questions from all sections as per instructions.

### Section - A

### (Very Short Answer Type Questions)

**Note:** Attempt all parts of this question. Give answer of each part in about 50 words.

$1\frac{1}{2} \times 10 = 15$

1. (a) Define Framework.

   (b) What is class library?

   (c) What are the data types used in C#?

   (d) Define Object.

   (e) Write five names of Input/Output commands in C#.

(f)  Define networking in .Net framework.

(g)  What do you mean by web services?

(h)  Define COM in C#.

(i)  What do you mean by unsafe mode?

(j)  What is meant by Run-time?

## Section - B

### (Short Answer Type Questions)

Note :  Attempt all questions. Give answer of each

question in about 200 words.    7×5=35

2.  Explain just-in-time compilation in detail.

**OR**

Write the properties of .Net framework.

3.  Differentiate between variables and identifiers
with suitable example.

**OR**

Write the features of object oriented concept
in detail.

4.  What do you mean by threading? Explain
multithreading concept in C#.

**OR**

Explain error handling with suitable example.

5.  What are the features of windows services in

C#?

**OR**

Explain messaging reflection in C#.

6.  What are the distributed application used in

C#?

**OR**

Explain graphical device interface in C#.

## Section - C

### (Long Answer Type Questions)

Note: Attempt any **two** questions. Give answer

of each question in about **500** words.

10×2=20

7.  Write a program in C# to add two numbers
without using third variable using. Net frame-
work.

8.  Differentiate between XML and C# in detail.

**P.T.O.**