P. G. D. C. A. (Sem. II) (CBCS) Examination

December - 2018

CS - 09 : Programming With C#

Faculty Code : 003
Subject Code : 1022003

Time : $2\frac{1}{2}$ Hours]   [Total Marks : **70**

1 (a) Objective type questions :   **4**

    (1) Full form of CLS

    (2) Full form of JIT

    (3) Reference types are allocated on the _____.

    (4) Code that targets the common language runtime is known as _____.

  (b) Answer in brief : (Any **One** out of Two)   **2**

    (1) Explain Unmanaged Code

    (2) Explain namespace

  (c) Answer in brief : (Any **One** out of Two)   **3**

    (1) What is loop? Explain any one looping statement with example

    (2) Explain Exception handling with example

  (d) Write a note on : (Any **One** out of Two)   **5**

    (1) Explain Visual studio IDE

    (2) Explain Data types

2 (a) Objective type questions : 4

   (1) We can use memory through pointer using _____ keyword.

   (2) A delegate is similar to _____

   (3) Communication between two objects is done using _____.

   (4) Operator overloading is the _____ polymorphism.

   (b) Answer in brief : (Any **One** out of Two) 2

   (1) What is sealed class?

   (2) What is pointer?

   (c) Answer in brief : (Any **One** out of Two) 3

   (1) Explain overloading a method with example

   (2) Explain Overloading an Indexer with example

   (d) Write a note on : (Any **One** out of Two) 5

   (1) Explain Delegate with example

   (2) Explain events with example

3 (a) Objective type questions : 4

   (1) C# uses _____ namespace to implement Threading concept.

   (2) List out types of thread.

   (3) Which namespace is used for collection?

   (4) Default value of Thread priority is _____

   (b) Answer in brief : (Any **One** out of Two) 2

   (1) What is the meaning of thread?

   (2) What is the meaning of collections?

(c) Answer in brief : (Any **One** out of Two)   3

    (1) Difference between process and thread

    (2) Explain stack with its methods

(d) Write a note on : (Any **One** out of Two)   5

    (1) Explain HashSet with example

    (2) Explain ArrayList with example

4 (a) Objective type questions :   4

    (1) Full form of MDI

    (2) TabControl is a collection of _____

    (3) ComboBox is a combination of _____ and _____

    (4) Full form of RTF

(b) Answer in brief : (Any **One** out of Two)   2

    (1) Explain msgbox

    (2) Explain Notifylcon

(c) Answer in brief : (Any **One** out of Two)   3

    (1) Explain RichTextBox

    (2) Explain ListBox

(d) Write a note on : (Any **One** out of Two)   5

    (1) Explain DialogBox

    (2) Explain Reflection

5 (a) Objective type questions :   4

    (1) Full form of LINQ

    (2) Full form of ADO

    (3) Which method is used to release the resources that the DataAdapter class uses?

    (4) What is DataTable ?

(b) Answer in brief : (Any **One** out of Two)   **2**

    (1) Difference between DataSet and DataReader

    (2) Explain DataAdapter

(c) Answer in brief : (Any **One** out of Two)   **3**

    (1) Explain DataGridView control

    (2) Explain LINQ

(d) Write a note on : (Any **One** out of Two)   **5**

    (1) Explain the architecture of ADO.net

    (2) Write a code for performing search operation on the employee table which has fields empno, ename and salary. Display only those employees whose salary is greater than 10000.

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