



MAX-003-00340800

Seat No. _____

B. C. A. (Sem. IV) (CBCS) (WIF-2016) Examination

March / April - 2018

CS-20 : Programming with C#
(New Course)

Faculty Code : 003

Subject Code : 00340800

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

[Total Marks : 70

1 Attempt the Following Questions :

(a) Answer the following Questions : 4

- (1) Full form of CLR.
- (2) Net framework Based on Object Oriented Programming (True/False)
- (3) _____ keyword is used to include namespaces.
- (4) Define Jagged Array.

(b) Answer the following Questions in, Brief : (any **one**) 2

- (1) Explain Foreach loop with Example?
- (2) What is Managed Code?

(c) Answer the following Questions in Detail : (any **one**) 3

- (1) What are value type-and Reference type ?
- (2) What are Boxing and UnBoxing ?

(d) Answer the following Questions : (any **one**) 5

- (1) Write a note, on JIT and its types.
- (2) Explain Architecture of Net framework

- 2** Attempt the following Questions :
- (a) Answer the following Questions : **4**
- (1) Define Object.
 - (2) Overloading and overriding both are concept of polymorphism. (True / false)
 - (3) _____ is used to implement multiple inheritance in C#.
 - (4) By default a class member is _____ to its Class.
- (b) Answer the following Questions in Brief : (any **one**) **2**
- (1) Explain Get and Set Accessor properties ?
 - (2) Explain Indexer in C#.
- (c) Answer the following Questions in Detail : (any **one**) **3**
- (1) What is Sealed Class ? Give Example.
 - (2) What is Delegate ? Give Example.
- (d) Answer the following Questions : (any **one**) **5**
- (1) What is Collection. Explain any one class of Collection.
 - (2) What is Event ? Explain with Example.
- 3** Attempt the Following Questions :
- (a) Answer the following Questions : **4**
- (1) _____ key from the keyboard is used to run-window application.
 - (2) MDI stands for _____.
 - (3) _____ property of the label is used to automatically resize to display its contents.
 - (4) _____ Property is used to display image on the Button.
- (b) Answer the-following Questions in Brief : (any **one**) **2**
- (1) Write a program to change the, background color of a form with the Help of ColarDialogBox.
 - (2) Any two difference between Panel and GroupBox.

- (c) Answer the following Questions in Detail : (any **one**) **3**
- (1) Difference Between ComboBox and ListBox.
 - (2) Difference Between MenuStrip and Context MenuStrip.
- (d) Answer the following Questions : (any **one**) **5**
- (1) Explain MessageBox Class with all types of Show() Method.
 - (2) What are Dialogboxes ? Explain SaveFileDialog and OpenFileDialog.
- 4 Attempt the Following Questions :
- (a) Answer the following Questions : **4**
- (1) ADO stands for _____
 - (2) DataReader is a Disconnected Architecture component. (TRUE/FALSE)
 - (3) Dataset is a virtual set or local set of record set. (TRUE/FALSE)
 - (4) OLEDB stands for _____.
- (b) Answer the following Questions in Brief : (any **one**) **2**
- (1) Explain Command Object.
 - (2) Short Note on DataGridview.
- (c) Answer the following Questions in Detail : (any **one**) **3**
- (1) Difference between ExecuteNonQuery() and ExecuteScalar()
 - (2) What is DataTable ? Explain.
- (d) Answer the following Questions : (any **one**) **5**
- (1) Explain the Architecture of ADO.Net.
 - (2) Write a program to Add and Delete record (SID, SNAME, SADD) in STUDENT table with SQL server connectivity.

- 5** Attempt the Following Questions :
- (a) Answer the following Questions : **4**
- (1) LINQ stands for _____
 - (2) _____ field of Crystal report is used to Create Formula.
 - (3) Drop Down is a type of Crystal report.
(TRUE/FALSE)
 - (4) _____ control is used to View the Crystal-Report.
- (b) Answer the following Questions in Brief : (any **one**) **2**
- (1) What is user Control ? Write steps to Create User Control.
 - (2) Write the names of any four Special Fields of Crystal Report.
- (c) Answer. the following Questions in Detail : (any **one**) **3**
- (1) Explain Types of Setup projects.
 - (2) Explain types of Crystal Reports.
- (d) Answer the following Questions : (any **one**) **5**
- (1) Write a steps to Create Crystal Report.
 - (2) Explain All Sections of Crystal Reports.
-