



MAX-003-1044002

Seat No. _____

B. Sc. (I.T.) (Sem. IV) (CBCS) Examination

March / April - 2018

CS-20 : Programming with C#

Faculty Code : 003

Subject Code : 1044002

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

[Total Marks : 70

- 1 (a) Answer the following questions : 4
- (1) RAD stands for
 - (2) What is managed code ?
 - (3) contains information about the assembly and the resources that it depends on.
 - (4) Reference types are allocated on the
- (b) Attempt Any 1 out of 2 : 2
- (1) Explain Boxing and unboxing.
 - (2) Explain JIT in detail.
- (c) Attempt any 1 out of 2 : 3
- (1) Explain jagged array with example.
 - (2) Explain features .net platform.
- (d) Attempt Any 1 out of 2 : 5
- (1) Write a note on .net IDE.
 - (2) Write a note on .net components.
- 2 (a) Answer the following questions : 4
- (1) Which keyword is used to access base class member which are hidden by the derived class ?
 - (2) Can we control when a destructor is called?
 - (3) Which modifier applies mostly to the use of an assembly?
 - (4) In operator overloading operator methods must be

- (b) Attempt Any 1 out of 2 : 2
- (1) Define Inheritance.
 - (2) What is the difference between Array and ArrayList?
- (c) Attempt Any 1 out of 2 : 3
- (1) Explain "ref" and "out" parameter with example.
 - (2) Explain method overloading with example.
- (d) Attempt Any 1 out of 2: 5
- (1) Explain property with example.
 - (2) What is delegate? Explain types of delegate.
- 3** (a) Answer the following questions : 4
- (1) Which property is used to display radio button as toggle button?
 - (2) Which method is used to start timer?
 - (3) Which control supports font, link, color, image from file?
 - (4) Show() method of messagebox class returns
- (b) Attempt Any 1 out of 2 : 2
- (1) Explain MessageBox in detail,
 - (2) Explain Scrollbar in detail.
- (c) Attempt Any 1 out of 2 : 3
- (1) Explain Treeview with properties and methods.
 - (2) Explain FontDialog with properties and methods.
- (d) Attempt Any 1 out of 2 : 5
- (1) Explain SaveFileDialog with example.
 - (2) Write a program to swap two values of textbox on button click.

- 4 (a) Answer the following questions : 4
- (1) Which method is used to retrieve a single value of command object?
 - (2) Which namespace is used for oledb data provider?
 - (3) Which method is used to release the resources being used by the connection object?
 - (4) What is full form of ADO.Net?
- (b) Attempt Any 1 out of 2 : 2
- (1) Explain Dataset in detail.
 - (2) Explain DataView in detail.
- (c) Attempt Any 1 out of 2 : 3
- (1) Explain DataTable, DataRow & DataColumn in detail.
 - (2) Explain DataReader with example.
- (d) Attempt Any 1 out of 2 : 5
- (1) Explain ADO.Net architecture.
 - (2) Write a program to enter studno in textbox and delete a record from student(studno, name, stream) table by clicking delete button and display proper message.
- 5 (a) Answer the following questions : 4
- (1) Is it possible to edit SQL made by crystal reports?
 - (2) What is Crystal report?
 - (3) Which editor allows you to specify conditions that must be meet in order to successfully run at installation?
 - (4) Formula fields are created using

- (b) Attempt Any 1 out of 2 : **2**
- (1) Why we make user control ?
 - (2) Define summery fields
- (c) Attempt Any 1 out of 2 : **3**
- (1) Explain file system editor.
 - (2) Explain report sections.
- (d) Attempt Any 1 out of 2 : **5**
- (1) Explain types of report.
 - (2) Explain types of setup project.
-