



DI-003-003414

Seat No. _____

B. C. A. (Sem. IV) (CBCS) Examination

April / May – 2015

Programming with C++

Faculty Code : 003

Subject Code : 003414

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

[Total Marks : 70

SECTION-I

1 Attempt the following: 20

(1) RAD stands For _____

- (A) Rapid Application Development**
- (B) Rapid Application Deployment**
- (C) Rapid Access Development**
- (D) Rapid Authentication Development**

(2) Which of ohe following is not an advantage of .net?

- (A) Oop**
- (B) Efficient Data Access**
- (C) Not Secured**
- (D) Code Sharing**

(3) Which of the following is the use of visual studio debugger?

- (A) Compiling** **(B) Testing**
- (C) Running** **(D) Stoping**

- (4) Namespace starts with _____
- (A) Define (B) Import
- (C) Include (D) Using
- (5) Structure cannot contain _____ type values.
- (A) Value (B) Object
- (C) Reference (D) None
- (6) Which keyword is used for throwing an exception?
- (A) Try (B) Thrown
- (C) Threw (D) Throw
- (7) Which of the following keyword restrict the inheritance?
- (A) Stop (B) Sealed
- (C) Non-sealed (D) Prevent
- (8) A _____ is a reference type object that defines the signature and return type of method.
- (A) Delegate (B) Interface
- (C) Class (D) Method
- (9) The .net framework supports _____ general type of collection.
- (A) 3 (B) 4
- (C) 5 (D) 6



- (10) Which of the following is a component of `windows.forms.namespace`?
- (A) Method (B) Property
- (C) Control (D) Values
- (11) Which static method of `messagebox` class is helpful for printing a message?
- (A) Print (B) Writeline
- (C) Display (D) Show
- (12) Which control provides complex data binding?
- (A) Gridview (B) Treeview
- (C) Listview (D) Textbox
- (13) Which of the following works as an bridge between dataset and database?
- (A) Data Provider (B) Data Adapter
- (C) Data Binder (D) Data Connector
- (14) LINQ stands for
- (A) Local Integrated Query
- (B) Line Integrated Query
- (C) Language Introduction Query
- (D) Language Integrated Query

(15) _____ are used to initialize the class member?

- (A) Object (B) Member
- (C) Constructor (D) Method

(16) _____ special character is used to use interface in class.

- (A) : (B) ;
- (C) , (D) ""

(17) Section 2 of Crystal report includes _____

- (A) Report Header (B) Page Header
- (C) Report Footer (D) Page Footer

(18) How many types of dialog box are there?

- (A) 4 (B) 3
- (C) 2 (D) 1

(19) Full form of rtf is _____

- (A) Rich Tabular Format
- (B) Rich Toggle Format
- (C) Right Text Format
- (D) Rich Text Format

(20) Which control is used to display image?

- (A) Picture Box (B) Draw Box
- (C) Photo Box (D) Image Box



SECTION-II

2 (A) Answer any **three** :

6

- (1) Define JIT. List its type.
- (2) Explain abstract class.
- (3) Define CLR and CLS.
- (4) List out features of visual studio.
- (5) Explain foreach loop.
- (6) Explain unsafe keyword.

(B) Answer any **three** :

9

- (1) Explain multicast delegates.
- (2) Explain indexer with example.
- (3) Explain jagged array with example.
- (4) Explain break, continue and return statement.
- (5) Explain interface with example.
- (6) Explain any three methods of Bit Array class.

(C) Answer any **two** :

10

- (1) Explain component of .Net architecture.
- (2) Write a note on exception handling.
- (3) Write a note on sealed class.
- (4) Define collection. Explain any one class of collection.
- (5) Explain edition of visual studio.

3 (A) Answer any three :

6

- (1) Explain data grid view.
- (2) Explain garbage collection.
- (3) Explain checkonclick, 3D checkbox property of checklistbox control.
- (4) Define tooltip property
- (5) Explain struct and class.
- (6) Differentiate manage code and unmanaged code.

(B) Answer any three :

9

- (1) Explain Progress Bar.
- (2) Explain Timer Control.
- (3) Explain Switch Case with example.
- (4) Explain Data Reader Object.
- (5) Explain command object.
- (6) Explain Radio button control.

(C) Answer any two :

10

- (1) Write a note on Crystal Report.
- (2) Explain ADO.Net Architecture.
- (3) Explain pointer to class and pointer to structure.
- (4) Write a code to display records of employee table having fields ENO, ENAME, ECITY, ESALARY using DataReader.

- (5) Create form having two listbox and six buttons and perform navigation as per click on button.

Listbox - 1		Listbox - 2
<i>Bca sem - 1</i>	>	
<i>Bca sem - 2</i>	>>	
<i>Bca sem - 3</i>	>>>	
<i>Bca sem - 4</i>	<	
	<<	
	<<<	

Clicking on > will move one selected item to listbox2 and vice versa.

Clicking on >> will move more than one selected item to listbox2 and vice versa.

Clicking on >>> will move all the item to listbox2 and vice versa.