

P.G.D.C.A Semester - 2 (CBCS) Examination
August/September -2020 [OLD COURSE]
PROGRAMMING WITH C Sharp (CORE)

Time: 2:00 Hours**Marks: 56****Instructions:**

1. Figure to the right indicate marks.
 2. There are five questions in the question paper.
 3. Answer any four of the following questions.
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- Q.1(A) Answer the following questions. (04)
1. Write full form for IDE.
 2. _____ is collection of classes.
 3. An array of arrays is known as _____ array.
 4. Which is loop specially used for iterate through an array?
- Q.1(B) Answer the following question (any one) (02)
1. Explain structure in C#.
 2. Explain foreach Loop in C# with example.
- Q.1(C) Answer the following question (any one) (03)
1. Explain : try-catch-finally with example.
 2. Explain class and object in C# with example.
- Q.1(D) Answer the following question (any one) (05)
1. Explain different types of arrays in C# with example.
 2. Explain different types of looping statement in C# with example.
- Q.2(A) Answer the following questions. (04)
1. Explain what is pointer?
 2. If we declare method with same name but different parameters or return type it known as _____ overloading.
 3. Character which is used to provide inheritance in C# is _____
 4. The class which cannot be inherited is known as _____ class.
- Q.2(B) Answer the following question (any one) (02)
1. Explain in short : method overloading.
 2. What is interface? Write syntax for declaring interface.
- Q.2(C) Answer the following question (any one) (03)
1. Explain pointer to array with example.
 2. Explain inheritance with its advantages and example.
- Q.2(D) Answer the following question. (any one) (05)
1. Explain delegates in C# with its types and write example for creating delegates.
 2. Explain : overloading operator with example.
- Q.3(A) Answer the following question. (04)
1. The _____ class allows creating and accessing individual threads in a multithreaded application.
 2. The _____ class manages a compact array of bit values.
 3. Explain stack.
 4. The _____ collection stores key-value pairs in the ascending order of key by default.

- Q.3(B) Answer the following question (any one) (02)
1. Explain thread priorities.
 2. Write difference between process and thread.
- Q.3(C) Answer the following question (any one) (03)
1. Write difference between stack and Queue.
 2. Write difference between ArrayList and Array.
- Q.3(D) Answer the following question (any one) (05)
1. Explain HashTable with example.
 2. Explain multithreading in C# with example.
- Q.4(A) Answer the following question. (04)
1. _____ is used a dialog box which some information to user.
 2. Explain the use of Timer.
 3. Write names of any four Textbox properties.
 4. Explain the use of PictureBox control.
- Q.4(B) Answer the following question (any one) (02)
1. Explain difference between ListBox and ComboBox.
 2. Explain difference between GroupBox and Panel.
- Q.4(C) Answer the following question. (03)
1. Explain MessageBox with its show method and example.
 2. Explain any 3 controls in C# its properties.
- Q.4(D) Answer the following question (any one) (05)
1. List out different DialogBoxes in C# and explain any four.
 2. Explain reflection in C# with example.
- Q.5(A) Answer the following questions. (04)
1. Write full form of ADO.
 2. The _____ object is used to join database with any application.
 3. ExplainConnectionString property.
 4. Which data provider is used to connect with Microsoft access database.
- Q.5(B) Answer the following question (any one) (02)
1. Explain DataTable.
 2. Explain DataRow.
- Q.5(C) Answer the following question (any one) (03)
1. Explain DataRelation.
 2. Explain DataReader.
- Q.5(D) Answer the following question (any one) (05)
1. Write program to select data between book id 18 to 26 and print DataGridView using connected architecture.
Database : Library
Table : Libraryinfo
Fields : B_ID, B_Name, B_Qty, B_Price
 2. Explain ADO.NET architecture with diagram.
