**POORNIMA UNIVERSITY, JAIPUR**

**END SEMESTER EXAMINATION, April 2023**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **4BC2152** | Roll No. | Total Printed Pages: 2 |
| **4BC2152** |  |
| BCA II Year IV Semester (Back) End Semester Examination, April 2023  **(Gen.)** | |
| **BCA04107.1:GUI Programming with .Net** | | | |

# Max. Time: **3**Hours. Max. Marks: **60**

Min. Passing Marks: **21**

Attempt **five** questions selecting one question from each Unit. There is internal choice from Unit I to Unit V. Marks of each question or its parts are indicated against each question / parts. Draw neat sketches wherever necessary to illustrate the answer. Assume missing data suitably (if any) and clearly indicate the same in the answer.

Use of following supporting material is permitted during examination for this subject.

# **1.----------------------------------------------** **2.-----------------------------------------**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **UNIT-I (CO1)** | **Marks** | **Bloom Level** |
| **Q.1** | **(a)** | How did we differentiate class overloading and overlapping provide proper code also? | **(6)** | Understanding |
|  |  |  |  |  |
|  | **(b)** | Explain object Methods in C# and how it is different from throttling? | **(6)** | Understanding |
|  |  |  |  |  |
|  |  | **OR** |  |  |
|  |  |  |  |  |
| **Q.2** | **(a)** | What are the parameters in C# and how did they work for class concept? | **(6)** | Understanding |
|  |  |  |  |  |
|  | **(b)** | What Will be the output of below code:  Class Book  {  String book colour=”Red”;  Static void main (string[] args)  {  Book myobj=new Book();  Console.WriteLine(my obj.colour);  }  } | **(6)** | Analyzing |
|  |  |  |  |  |
|  |  | **UNIT-II (CO2)** |  |  |
|  |  |  |  |  |
| **Q.3** | **(a)** | What do you understand by the nature of menus and how context menus are different from it? | **(6)** | Remembering |
|  |  |  |  |  |
|  | **(b)** | What are the the popup events and shared handlers? | **(6)** | Remembering |
|  |  |  |  |  |
|  |  | **OR** |  |  |
|  |  |  |  |  |
| **Q.4** | **(a)** | What are the events and How do we create click events in Windows Forms? | **(6)** | Analyzing |
|  |  |  |  |  |
|  | **(b)** | What are the status bar panels and what are some of its characteristics? | **(6)** | Remembering |
|  |  |  |  |  |
|  |  | **UNIT-III (CO3)** |  |  |
|  |  |  |  |  |
| **Q.5** | **(a)** | How do we apply multi selection property in open file dialog class? | **(6)** | Applying |
|  |  |  |  |  |
|  | **(b)** | What are the paint events and define three ways to define a paint class? | **(6)** | Creating |
|  |  |  |  |  |
|  |  | **OR** |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| **Q.6** | **(a)** | What do you understand by context menus revisiting in windows forms? | **(6)** | Applying |
|  |  |  |  |  |
|  | **(b)** | What are the methods for save file dialogs in windows forms? | **(6)** | Applying |
|  |  |  |  |  |
|  |  | **UNIT-IV (CO4)** |  |  |
|  |  |  |  |  |
| **Q.7** | **(a)** | Write down short note on below topics:-  a) Labels Events b) Text boxes | **(6)** | Remembering |
|  |  |  |  |  |
|  | **(b)** | Write down properties of labels and mention minimum six properties of it? | **(6)** | Remembering |
|  |  |  |  |  |
|  |  | **OR** |  |  |
|  |  |  |  |  |
| **Q.8** | **(a)** | Write down run time and design time steps and code for Showing of date and time in Windows Form? | **(6)** | Remembering |
|  |  |  |  |  |
|  | **(b)** | Write down code for Creation of Button class on design time using class and object method and fix its length as 20 and colour as black? | **(6)** | Remembering |
|  |  |  |  |  |
|  |  | **UNIT V (CO5)** |  |  |
|  |  |  |  |  |
| **Q.9** | **(a)** | How do you differentiate a list view to tree view? Is tree view containing column creation property? | **(6)** | Creating |
|  |  |  |  |  |
|  | **(b)** | Write down steps and code for create and display tree view items in windows forms? | **(6)** | Creating |
|  |  |  |  |  |
|  |  | **OR** |  |  |
|  |  |  |  |  |
| **Q.10** | **(a)** | Write down steps and code for create and display list view items in windows forms? | **(6)** | Creating |
|  |  |  |  |  |
|  | **(b)** | What are the steps to create a Parent form using MDI and connect two child forms to parent mdi form? | **(6)** | Creating |