Razor Pages Assessment

2-Mark Questions: **Max : 30 mins**

1. What is Razor syntax, and how is it different from traditional ASP.NET syntax?
2. Explain the purpose of the `@page` directive in a Razor Page.
3. What is the purpose of the `Model` property in a Razor Page?
4. How can you pass data from a Razor Page to its associated code-behind file?
5. Explain the purpose of the `@Html.Partial` method in Razor Pages.
6. What is the role of the `ModelState` in Razor Pages?
7. How can you handle form submissions in Razor Pages, and what is the purpose of the `OnPost` method?
8. Explain the concept of tag helpers in Razor Pages.
9. What is dependency injection, and how is it used in Razor Pages?
10. How can you customize the routing behavior in a Razor Page application?

Coding Tasks (10 Marks Each):   **Max : 60 mins**

1. Simple Calculator:
   - Create a Razor Page with two input fields for numbers, a dropdown for selecting the operation (addition, subtraction, multiplication, or division), and a button to perform the selected operation. Display the result below the input fields.

2. Person Details Page:
   - Create a Razor Page to input person details (name, phone, and age) through a form. Display the entered details below the form in a tabular format.