BPF–2223

M.Sc. (Final) Examination, 2022
COMPUTER SCIENCE

Paper – MCS–204 (B)

(Web Application Programming)

Time : 3 Hours]　　　　　　　　　　　　[*Maximum Marks : 50*

Section–A　　　　　　　**(Marks : 2 × 10 = 20)**

Note :–　Answer all *ten* questions (Answer limit **50** words). Each question carries **2** marks.

Section–B　　　　　　　**(Marks : 3 × 5 = 15)**

Note :–　Answer all *five* questions. Each question has internal choice (Answer limit **200** words). Each question carries **3** marks.

Section–C　　　　　　　**(Marks : 5 × 3 = 15)**

Note :–　Answer any *three* questions out of five (Answer limit **500** words). Each question carries **5** marks.

Section–A

1. (i) What are Assemblies ?

(ii) Define CLR.

BR–662　　　　　(1)　　　　　**BPF–2223**　P.T.O.

(iii) What are properties in a C# class ?

(iv) What is the use of serialization in C# ?

(v) How RadioButton is different from RadioButton List ?

(vi) Write the code to create ListBox in ASP.NET.

(vii) Write the syntax of calendar control.

(viii) Define Application State.

(ix) Define Dataset Class.

(x) Define Connected Database.

Section–B

2. Write the structure of C# program.

Or

Give an example of boxing and unboxing.

3. Give an example of C# interfaces.

Or

Explain Reflection in C#.

4. Write the code to create a TextBox, PasswordBox and Multiline TextBox.

Or

Give an example of handling click event of button control.

5. Write the code of using Ad rotator control including xml file.

Or

Explain Session State.

6. Explain ADO . NET Architecture.

Or

Give an example to insert record in database.

Section–C

7. Explain .NET Architecture in detail.

8. Explain the use of delegates in C# with example.

9. Explain the difference between checkbox and Radiobutton.

10. Give an example of validation controls.

11. Write the code to display all records on Grid view using data adapter and data set.