



UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
SEMESTER II
SESSION 2016/2017**



COURSE NAME : DOTNET PROGRAMMING
COURSE CODE : BIE 33103
PROGRAMME CODE : BIP
EXAMINATION DATE : JUNE 2017
DURATION : 2 HOURS AND 30 MINUTES
INSTRUCTION : ANSWER ALL QUESTIONS

THIS QUESTION PAPER CONSISTS OF **SIX (6)** PAGES

- Q1** (a) List **THREE (3)** aspects of error handling in `ASP.NET`. (3 marks)
- (b) Describe **TWO (2)** aspects listed in **Q1(a)**. (4 marks)
- (c) State **THREE (3)** tracing information after execute the application file. (3 marks)

Q2 (a) Write a new page to display a calendar control as shown in **Figure Q2(a)**.



Figure Q2(a)

(15 marks)

- (b) Differentiate between MultiView and Panel controls. (10 marks)

Q3 Write a code segment to produce a result as shown in **Figure Q3(a)** that is able to perform login page. Assume that **Table 1** is already created in database.

Table 1 : User

ColumnName	DataType
UserId	int(set identity property = true)
UserName	varchar (50)
Password	varchar (50)
FirstName	varchar (50)
LastName	varchar (50)

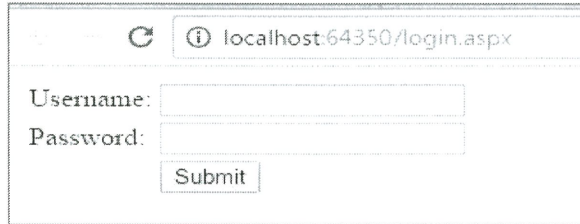


Figure Q3(a)

(20 marks)

TERBUKA

- Q4** (a) Write the missing code labelled as (i), (ii) and (iii) in **Figure Q4(a)(ii)**. The code behind is used to activate button as an output in **Figure Q4(a)(i)**.

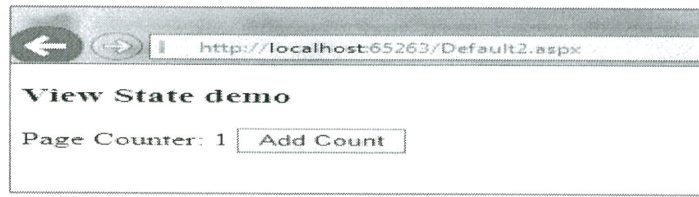


Figure Q4(a)(i)

```

public partial class Default2 : System.Web.UI.Page
{
    (i)
    {
        get
        {
            if (ViewState["pcounter"] != null)
            {
                (ii)
            }
            else
            {
                return 0;
            }
        }
        set
        {
            ViewState["pcounter"] = value;
        }
    }

    protected void Page_Load(object sender, EventArgs e)
    {
        (iii)
    }

    protected void btnIncrement_Click(object sender, EventArgs e)
    {
    }
}
    
```

TERBUKA

Figure Q4(a)(ii)

(14 marks)

- (b) Explain application state used in ASP.NET.

(6 marks)

- Q5** Produce a design view based on **Figure Q5**.

(25 marks)

FINAL EXAMINATION

SEMESTER / SESSION : SEM II /2016/2017
COURSE NAME: DOTNET PROGRAMMING

PROGRAMME CODE : BIP
COURSE CODE : BIE 33103

```
<tr>
<td style="margin-left: 40px">
  <asp:Button ID="Button17" runat="server" Text="MS" Width="52px" /> &nbsp;
  <asp:Button ID="btnone" runat="server" Text="1" Width="31px"
    onclick="btnone_Click" /> &nbsp;
  <asp:Button ID="btntwo" runat="server" Text="2" Width="32px"
    onclick="btntwo_Click" /> &nbsp;
  <asp:Button ID="btnthree" runat="server" Text="3" Width="28px"
    onclick="btnthree_Click" /> &nbsp;&nbsp;
  <asp:Button ID="btnminus" runat="server" Text="-" Width="29px"
    onclick="btnminus_Click" /> &nbsp;&nbsp;&nbsp;&nbsp;
  <asp:Button ID="Button22" runat="server" Text="1/x" Width="40px" />
</td>
</tr>
<tr>
<td style="margin-left: 40px">
  <asp:Button ID="Button23" runat="server" Text="M+" Width="49px" />&nbsp;
  <asp:Button ID="btnzero" runat="server" Text="0" Width="38px"
    onclick="btnzero_Click" /> &nbsp;
  <asp:Button ID="Button25" runat="server" Text="+/-" /> &nbsp;
  <asp:Button ID="btndot" runat="server" Text="." Width="25px"
    onclick="btndot_Click" /> &nbsp;&nbsp;
  <asp:Button ID="btnplus" runat="server" Text="+" Width="33px"
    onclick="btnplus_Click" /> &nbsp;&nbsp;&nbsp;
  <asp:Button ID="btnequals" runat="server" Text="=" Width="44px"
    onclick="btnequals_Click" />
</td>
</tr>
<tr>
  <td style="margin-left: 40px"> &nbsp;
</td>
</tr>
```

Figure Q5 (continued)

TERBUKA

- END OF QUESTION -