



Philadelphia University
Faculty of Engineering

Marking Scheme

Examination Paper

BSc CE

Advanced Programming Language (630521)

Second Exam

Second semester

Date: 08/05/2012

Section 1

Weighting 20% of the module total

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Marking Scheme
Advanced Programming Language (630501)

The presented exam questions are organized to overcome course material through 3 questions.

Marking Assignments

Question 1 This question is attributed with 6 marks if answered properly; the marks are organized as follows:

1. What is the output of the file the c# compiler produces?
 - a) Byte Code
 - b) Hex Dump
 - c) **MSIL**
 - d) Intel Assembler
2. The major component of the .NET framework that provides memory management is called
 - a) CLS
 - b) MSIL
 - c) **CLR**
 - d) VB.NET
3. One of the following is an example of a value data types.
 - a) **Structures**
 - b) Classes
 - c) Interfaces
 - d) Events
4. The attribute that must be specified with all ASP.NET Mobile controls is _____
 - a) ID
 - b) **Runat**
 - c) Text
 - d) BackColor
5. If no item was selected, the property **SelectedIndex** o the List class contains _____
 - a) 0
 - b) null
 - c) **-1**
 - d) None of the mentioned
6. If we have declared a button named "B1" and a corresponding event handler "B1_Click" in the code-behind file, the registration of this handler will be written as the following:
 - a) B1_Cilck += new EventHandler(B1_Cilck);
 - b) B1.Cilck += new EventHandler(B1.Cilck);
 - c) B1_Cilck += new EventHandler(B1.Cilck);
 - d) **B1.Cilck += new EventHandler(B1_Cilck);**

Question 2: This question is attributed with 5 marks if answered properly,

Question 2.a The complete code for this question as the following:

```
private void Page_Load(object sender, EventArgs e)
{ System.Web.UI.MobileControls.SelectionList s1;
  System.Web.UI.MobileControls.Link lk;
  System.Web.UI.MobileControls.Command c;      (1 marks)
  c = new Command( );
  lk = new Link ( );
  s1 = new SelectionList();                    (1 marks)
  lk.Text = "Go to wap.Amazon.com";
  lk.NavigateUrl = "wap.amazon.com";          (0.5 marks)
  s1.SelectType = ListSelectType.CheckBox;
  s1.Items.Add("Credit");
  s1.Items.Add("Cash");
  s1.Items.Add("Debit");
  c.Text = "Hide Mobile Controls";            (1 mark)
  c.Click+=new EventHandler(c_Click);
  this.Form1.Controls.Add(lk);
  this.Form1.Controls.Add(s1);
  this.Form1.Controls.Add(c);                 (0.5 marks)
}
```

Question 2.b The complete code for this question as the following:

```
private void c_Click(object sender, EventArgs e)
{ this.Form1.Controls.Clear();}              (1 mark)
```

