C.U.SHAH UNIVERSITY
Summer Examination-2016

Subject Name: Mobile Apps Development using Windows Phone

Subject Code: 4CS06IWA1   **Branch: B.Sc.IT**

Semester: 6   **Date: 04/05/2016**   **Time: 02:30 To 05:30**   **Marks: 70**

Instructions:
  (1) Use of Programmable calculator & any other electronic instrument is prohibited.
  (2) Instructions written on main answer book are strictly to be obeyed.
  (3) Draw neat diagrams and figures (if necessary) at right places.
  (4) Assume suitable data if needed.

Que-1 Attempt all the following MCQs   **[14]**

1. Windows phone UI is based on Microsoft's _____ technology.
   a) Metro UI   c) Azure
   b) OOPS   d) Cloud
2. Which is the default browser for windows phone?
   a) Chrome   c) UC Browser
   b) Internet Explorer   d) Firefox
3. GDR stands for _____.
   a) General Debug Rule   c) General Distribution Release
   b) General Distribution Rule   d) None of above
4. Which of the following is not a component of windows phone application platform?
   a) Cloud service   c) Silverlight
   b) XNA   d) DNA
5. Which technology is used to develop cloud services for windows phone?
   a) C#.NET   c) XNA
   b) Silverlight   d) Azure
6. XAML is developed by _____.
   a) Sun Microsystems   c) Microsoft
   b) Oracle   d) Adobe

7. _____ attribute specifies the name of the style.
   a) x:id   c) x:name
   b) x:key   d) x:identity
8. In windows phone, every page inherits from a class called _____
   a) PhoneApplicationPage   c) PhonePage
   b) ApplicationPage   d) AppPage
9. Which requirements are must for windows phone application certification?
   a) Application must be reliable c) Application must be free of malicious software
   b) Application must be efficient d) All of above
10. _____ sets or gets the value that specifies maximum number of characters allowed for user input.
    a) Maximum   c) MaxLength
    b) MaxChar   d) MaxCharacters
11. Which of the following property doesn't belong to ProgressBar control?
    a) Max   c) Value
    b) Maximum   d) IsIndeterminate
12. Which control is used to input confidential data from user?
    a) RadioButton   c) TextBlock
    b) PasswordBox   d) TextBox
13. _____ property of HyperLink button control is used to set URL for navigation.
    a) NavigateLink   c) NavigateURL
    b) NavigationURL   d) NavigationLink
14. To create an icon in ApplicatoinBar, which class is used?
    a) ApplicationBarButtonIcon   c) ApplicationBarIconButton
    b) ApplicationBarIcon   d) AppBarIconButton

Attempt any four questions from Que-2 to Que-8

Que-2 Attempt all questions.   **[14]**
   1. Explain page orientation   [5]
   2. Explain data binding in XAML.   [5]
   3. What is XAML? Explain   [4]

Que-3 Attempt all questions.   **[14]**
   1. Explain any seven features of windows phone.   [7]
   2. Explain MediaElement control with its properties, methods and events. [7]

Que-4 Attempt all questions.   **[14]**
   1. Write steps for creating windows phone application.   [5]
   2. Explain data binding with objects. Write down its examples   [5]
   3. Explain windows phone application development tools.   [4]

Que-5 Attempt all questions.   **[14]**

1. Explain application life cycle with diagram. [7]
2. Write a short note on application publishing life cycle. [7]

Que-6 Attempt all questions. **[14]**
1. Explain windows phone certification requirements. [5]
2. What is the purpose of PasswordBox control? Explain any six properties of it. [5]
3. What is the use of TextBlock control? Explain any four properties of it. [4]

Que-7 Attempt all questions. **[14]**
1. Explain StackPanel control with example. [5]
2. Explain Grid control with example. [5]
3. Define following events. [4]
    a) Loaded
    b) LostFocus
    c) Tapped
    d) KeyUp

Que-8 Attempt all questions. **[14]**
1. What is ApplicationBar? Explain [5]
2. Explain the version history of windows phone 7 and windows phone 8. [5]
3. Write an example of creating an ApplicationBar. [4]