

**CSE445/598 Distributed Software Development Quiz 5**

This is an open book and open notes test. Choose only one answer in the questions labeled A, B, C, D, and choose all correct answers in questions prefixed with [ ]. The time allowed is 20 minutes.

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- 1 The <authorization> element in a Web.cong file consists of a list of <allow> and <deny> elements.  
(A) The order of these elements is semantically not important.  
(B) The elements must be listed in alphabetical order.  
(C) All <allow> elements must be placed before all <deny> elements.  
(D) **The elements must be specifically ordered according authorization requirement.**
- 2 Where are the credentials saved if the Windows authentication is used?  
(A) **In Windows access control list.** (B) In a user-defined database.  
(C) In a user-defined XML file. (D) In Web.config file.
- 3 What are the main problems of the Forms Security mechanism using Web.config file for storing credentials?  
[ ] Authorization and authentication cannot be separated.  
[ ] **Sequential comparisons of passwords.**  
[ ] Unable to encrypt the passwords.  
[ ] **Unmanageable if the number of users is large.**
- 4 In what configuration setting will ASP .Net use the security token passed to it by IIS?  
(A) when impersonation element is not used (B) **<identity impersonate = "false">**  
(C) **<identity impersonate = "true">** (D) **<identity impersonate = "disabled">**
- 5 Secure Sockets Layer (SSL) defines communication protocols that can provide (Select all that apply)  
[ ] **data confidentiality.** [ ] **data integrity.** [ ] reliable messaging. [ ] business integrity.
- 6 What should you do, if you want to offer proper https connection to your service clients?  
(A) Use HTTPS template to create ASP .Net application.  
(B) Use Windows Communication Foundation template to create WCF services.  
(C) **Purchase security certificate for message encryption and decryption.**  
(D) Create your own security certificate using the .Net's built-in security mechanism.
- 7 What kinds of errors can be handled by WS-ReliableMessaging (WS-RM) in WCF? Select all that apply.  
[ ] **Duplicate messages** [ ] **Messages out of order** [ ] **Lost messages** [ ] Receiver off-line
- 8 How is the lost message handled by WS-Reliable Messaging?  
(A) Each message is sent twice. (B) Each message is sent three times.  
(C) **A message is resent if no acknowledgement.** (D) The receiver creates a new message.
- 9 When creating a dynamic graph, which CDI+ class is used first to define the area of the graph?  
(A) **Bitmap** (B) Graphics (C) Pen (D) Brushes

- 10 When do we really need to use dynamic graphics in our Web application?
- (A) When we cannot find proper static graphics.
  - (B) When painting work is required.
  - (C) **When user inputs need to be integrated in the graphics.**
  - (D) When request-response time is critical.
- 11 What graphics functions does Graphics Device Interface Plus (GDI+) support? Select all that apply.
- ☐ Creating animation    ☐ **Drawing text**    ☐ **Drawing shapes**    ☐ Video
- 12 What component is best for limiting the dynamic image (html streaming) to a designated area of a page?
- (A) A server control
  - (B) An HTML control
  - (C) A DLL file
  - (D) **A user control**
- 13 What is a typical application of an image verifier?
- (A) Verify if an image is well-formed.
  - (B) Verify if an image is Web readable.
  - (C) **Verify if a human user is entering the data.**
  - (D) Verify if a user has proper credential.
- 14 Silverlight provides a programming platform for creating (Select all that apply):
- ☐ Console apps    ☐ Desktop apps    ☐ **Phone apps**    ☐ **Web apps**
- 15 What animation class should be used if you want your object to transit smoothly from points A to B?
- (A) **DoubleAnimation**
  - (B) PointAnimationKeyFrame
  - (C) DoubleAnimationKeyFrame
  - (D) GDI+
- 16 What Silverlight animations are implemented in the child classes of the Thread class?
- (A) Animations defined in XMAL
  - (B) **Animations defined in C#**
  - (C) Animations defined in HTML
  - (D) Animations defined in Web.config file
- 17 In order to send a message from a real phone to another real phone, what resource is necessary?
- (A) An encryption/decryption service
  - (B) SSL service
  - (C) A message is resent if no acknowledgement
  - (D) **A message queue service**
- 18 What type Web services can be called in phone apps development?
- (A) SOAP services only
  - (B) RESTful services only
  - (C) **Both SOAP services and RESTful services**
  - (D) Neither SOAP services nor RESTful services
- 19 In a Silverlight project, what do we deploy in order to make the project working in a simple file server?
- (A) We have to deploy every single file in the project.
  - (B) **We deploy the files in the folder with the extension name .Web only.**
  - (C) We must use Publish Web Site command to generate a pre-compiler file.
  - (D) The project cannot run on a file server. IIS server is required.
- 20 In a Silverlight application, we can use a storyboard to define animation. Where do we write the storyboard?
- (A) **in a XAML file.**
  - (B) in a Web control
  - (C) in a user control.
  - (D) in C# code.