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Exam : 9A0-310

**Title : Adobe Flex 2 Developer
Exam**

Version : DEMO

1. Which statement best describes the Model-View-Controller design pattern?

- A. It does NOT promote code reuse
- B. Alternative user interfaces are difficult to add
- C. It combines the code responding to user input with the code rendering the interface
- D. It promotes maintainability by providing separation of concerns within code

Answer: D

2. Which development task would most likely be part of building loosely coupled MXML components?

- A. invoking the dispatchEvent() method
- B. assigning a reference to the owner property
- C. extending the flash.events.Dispatcher class
- D. implementing the IFlexDisplayObject interface

Answer: A

3. Which software design pattern reduces method call volume by encapsulating multiple data attributes in a single object?

- A. Factory
- B. Singleton
- C. Assembler
- D. Transfer Object
- E. Data Access Object

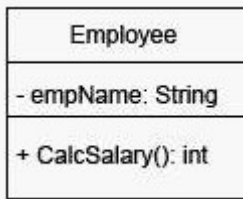
Answer: D

4. Which statement about the dispatchEvent() method is true?

- A. It automatically dispatches an event object.
- B. It can only be used with the Application class.
- C. It can be used for both custom and other events.
- D. It returns the type property value of the event object.

Answer: C

5. Click the Exhibit button. Which ActionScript class definition represents the UML class diagram?



- A. class Employee {
private var empName:String;
public function CalcSalary():int {
...
}
- B. class Employee {
public var empName:String;
private function CalcSalary():int {
...
}
- C. class Employee {
private var empName:String;
protected function CalcSalary():int {
...
}
- D. class Employee {
public var empName:String;
protected function CalcSalary():int {
...
}

Answer: A

6. Which statement best defines event bubbling?

- A. Event bubbling is NOT supported in ActionScript 3.0
- B. The event flows from the top of the display list hierarchy to the node just before the target node

- C. The event flows from the node subsequent to the target node back up the display list heirarchy
- D. The event flows from the top of the display list heirarchy to the target node

Answer: C

7. Given the following code snippet:

```
----- com\\adobe\\people\\Person.as -----
package com.adobe.people
{
    public class Person
    {
        private var _firstName:String;
        private var _lastName:String;
        public function Person(fn:String, ln:String)
        {
            _firstName = fn;
            _lastName = ln;
        }
        public function get firstName():String
        {
            return _firstName;
        }
        public function get _firstName():String
        {
            return _firstName.toUpperCase();
        }
        public function toString():String
        {
            return _firstName + " " + _lastName;
        }
    }
}
-----
var p:Person = new Person("Fred", "Friendly");
trace(p.firstName);
```

Which value would be traced to the console?

- A. FRED
- B. Fred
- C. Fred Friendly
- D. An error or strict-mode warning would occur

Answer: B

8. Which design pattern is followed by an ActionScript class that uses the [RemoteClass] metatag?

- A. Singleton
- B. Assembler

- C. Data Access Object
- D. Data Transfer Object

Answer: D

9. Which Flex 2 language feature provides the best support for loose coupling between MXML components?

- A. class inheritance
- B. singleton classes
- C. event dispatching
- D. remote object services

Answer: C

10. A Flex application contains a custom event object eventObj:

```
var eventObj:Event = new Event(myCustomEvent);
```

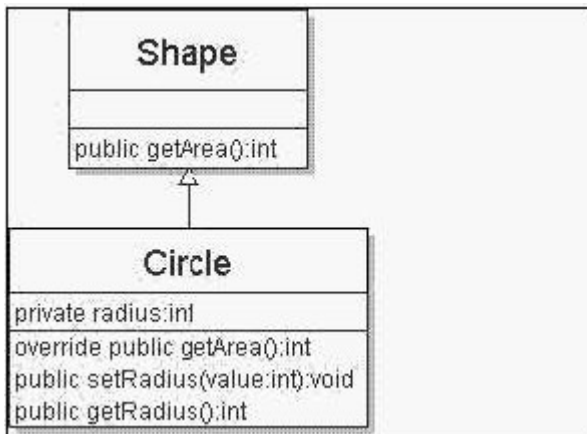
Which line of code correctly triggers this event?

- A. eventObj.dispatch();
- B. dispatchEvent(eventObj);
- C. eventObj.dispatchEvent();
- D. dispatchEvent(eventObj);

Answer: B

11. Click the Exhibit button.

What is the relationship between the two classes in the UML diagram?



- A. Shape extends Circle
- B. Circle extends Shape
- C. Shape implements Circle
- D. Circle implements Shape

Answer: B

12. You want to send custom data with an event object that has been generated by the framework. What should you do?

- A. Add custom properties to the target property.
- B. Subclass the Event class and add properties to it.
- C. Subclass the DisplayObject class and add properties to it.
- D. Add custom properties to the Flash.events.Event class.

Answer: B

13. Which is contained in a .jar file?

- A. XML data files in an archived format
- B. the Java Virtual Machine used in a J2EE server
- C. a set of pre-compiled Java classes in an archived format
- D. all configuration and application files in a J2EE web application in an archived format

Answer: C

14. Which attribute prevents a class method from being visible within a sub-class?

- A. public
- B. internal
- C. private
- D. protected

Answer: C

15. You have used a `WebService` object to call a public method of a SOAP-based web service. The remote web service is written in Java. The signature of the Java method being called is:

```
public List getData()
```

You have declared an `ActionScript` method named `resultHandler()` with this signature:

```
private function resultHandler(event:ResultEvent):void
```

When the `resultHandler()` method is called from the `HTTPService` object `result` event, you want to save the returned data to a previously declared `ArrayCollection` named `myCollection`.

Which is the correct syntax?

- A. `myCollection = event.result;`
- B. `myCollection = event.result as ArrayCollection;`
- C. `myCollection = new ArrayCollection(event.result as Array);`
- D. `myCollection = event.getData().lastResult as ArrayCollection;`

Answer: B

16. Which Data Management Service method will reset an item to its previous state?

- A. `undo()`
- B. `rollBack()`
- C. `noCommit()`
- D. `revertChanges()`

Answer: D

17. You have used an `HTTPService` object to retrieve this HTML file:

```
<?xml version=1.0?> <employees>  
<employee><name>Joe</name><job>President</job>  
</employee>
```

```
<employee><name>Mary</name><job>CEO</job>  
</employee></employees>
```

The resultFormat property of the HTTPService object is set to object, and the id property is set to myService. You want to use a DataGrid control to display the list of employees.

Which is the correct syntax for a binding expression to pass the employee objects to the dataProvider property of the DataGrid?

- A. dataProvider={myService.lastResult}
- B. dataProvider={myService.lastResult.employees}
- C. dataProvider={myService.result.employees.employee}
- D. dataProvider={myService.lastResult.employees.employee}

Answer: D

18. Which object is the returned XML data placed into after a Web service operation executes?

- A. result
- B. collection
- C. firstResult
- D. lastResult

Answer: D

19. Which property of the HTTPService class references the data returned from a request?

- A. result
- B. lastResult
- C. destination
- D. resultFormat

Answer: B

20. Which protocol supports the use of server-pushed messaging with the Flex Message Service and the Data Management Service?

- A. AMF
- B. HTTP

C. SOAP

D. RTMP

Answer: D