

\_\_\_\_\_ will be the location where the application is saved in Android projects

- <target-id>
- Android list targets
- <Path-to-workspace>
- <Instrumentation>

Which of the following resets the Test fixture?

- teaDown
- setUp()
- testPreconditions
- <runner\_class>

In which year was, the first version of Android released.

- 2004
- 2005
- 2007
- 2009

DVM stands for

- Dalvik Virtual Machine
- Dividend Valuation Model
- Dividend discount machine
- Dalvik Virtual Model

What does AVD stand for?

- Android Verification Device
- Android Virtual Deice
- Android Variable Data
- None of these

IDE stands for \_\_\_\_\_

- Internal Deployment Establishment
- Integrated Development Environment
- Initial Do fragmentation Employment
- Integrated Deployment Environment

What is the main purpose of the AndroidManifest.xml file?

- Gives minimal information of application in xml format
- An xml file where there are different types of xml tags
- A metadata file that is present in the root directory of the project
- An xml file where all the deployment details are written

\_\_\_\_\_ lifetime occurs between onStart() and onStop() callback methods

- Visible
- Full
- Active
- Passive

\_\_\_\_\_ acts as a bridge between the View and the Data source

- Adapter
- SpinnerAdapter
- CursorAdapter
- WrapperListAdapter

\_\_\_\_\_ can be used to animate between two or more Views

- WebView
- Viewflipper
- VideoView
- ListView

Which of the following tag is used for registering a broadcast receiver)?

- <Service>
- <provider>
- <receiver>
- <uses-permission>

**Which of the following are the most commonly used Preferences?**

- **ListViewPreference and SharedViewPreference**
- CheckBoxPreference, ListPreference. and EditTextPreference
- TextFieldPreference and CheckedListPreference
- EdhTextPreference and SharedViewPreference

**Which of the following onboarding models allows the user to customize the user interface**

- Quickstart
- **Self-select**
- Top User Benefits
- Gesture Education

**Which of the following effects is for both enter and exit transitions**

- **Fade**
- Swipe
- Swivel
- Explode

**A class that is used rot isolated testing of a single ContentProvider is \_\_\_\_\_**

- MockContentResoker
- IsolatedContext
- ContentResolver
- ProviderTestCase2

**\_\_\_\_\_ methods that are used to Interact with qwerty-based keyboards or  
OPAD**

- intent
- pkg
- **activityCls**
- sendKeys and sendRepeatodKoys

**Which collection class allows flexibility of size and provides indexed access to its elements, but its methods are not synchronized?**

- HashSet
- PriorityQueue
- ArrayList
- Vector

**A is a directory or an Eclipse project that creates the source code and manifest files for a test package.**

- **Android Projects**
- Library Projects
- Test Project
- None of these

**A class that is used for isolated testing of a single ContentProvider is**

- MockContentResolver
- IsolatedContext
- ContentResolver
- ProviderTestCase2

**Which of the following method reviews whether the specified Iterable contains the expected elements, but in any order?**

- assertAssignableFrom
- assertContainsInAnyOrder
- assertContainsRegex
- assertContainsInOrder

**Which of the following method is invoked for simulating touching at the center of the screen and dragging it to one quarter of the way up?**

- dragQuarterScreenDown(InstrumentationTestCase test, Activity activity)
- Drag((InstrumentationTestCase test, float fromX, float toX, float fromY, float toY, int stepCount)
- dragQuarterScreenUp(InstrumentationTestCase test, Activity activity) 0
- dragViewToBottom(InstrumentationTestCase test, Activity activity, View v)

**Identify the correct code Snippet that checks the need for the android.Manifest.permission.WRITE\_EXTERNAL\_STORAGE permission which is required to write to external storage in the Activity class named MyFirstProjectActivity.**

1: ?

```
public void testActivityPermission(){ final String AP = ""com.example.myfirstproject""; final
String ACTION = AP + ".MyFirstProjectActivity""; final String CONSENT =
android.Manifest.permission.READ_EXTERNAL_STORAGE; assertActivityRequiresPermission (AP,
ACTION, CONSENT);
```

}?

? 2:?

```
public void testActivityPermission(){ final String AP = ""com.example.myfirstproject""; final
String ACTION = AP + ""MyFirstProjectActivity""; final String CONSENT =
android.Manifest.permission.WRITE_EXTERNAL_STORAGE; assertActivityRequiresPermission
(AP, ACTION, CONSENT);
```

}?

3: ?

```
public void testReadingPermission() final String AP = ""com.example.myfirstproject""; final
String ACTION = AP + ""MyFirstProjectActivity""; final String CONSENT =
android.Manifest.permission.WRITE_EXTERNAL_STORAGE; assertActivityRequiresPermission
(AP, ACTION, CONSENT);
```

}?

4:?

```
public void testActivityPermission(){ final String AP = ""com.example.myfirstproject""; final
String ACTION = AP + ""FirstProjectActivity""; final String CONSENT =
android.Manifest.permission.WRITE_EXTERNAL_STORAGE; assertActivityRequiresPermission
(AP, ACTION, CONSENT);
```

}?

- 1
- 2

- 3
- 4

**Which of the following technologies are used by Responsive Web Design to resize, hide, shrink, enlarge, and move the content on any screen?**

- **CSS**
- Java
- CSS and HTML
- XML

\_\_\_\_\_ is a navigation aid that allows the user to keep track of the location within programs.

- Pagination
- Tag
- **Breadcrumb**
- Search Field

**Which of the following principles emphasizes the importance of designing the user interface to prevent users from making errors.**

- Feedback
- Visibility
- Simplicity
- **Tolerance**

\_\_\_\_\_ allows the user to speak in the normal everyday language in order to interact with the system.

- Natural Language Interface
- Command Language Based Interface
- Web Based Interface
- Menu Based Interface

\_\_\_\_\_ is intended to be explored on a spectrum of diverse experiences.

- Content Layout
- Navigation
- Tab System
- Digital Content

The footprint of the CSS file on slower devices, can be reduced by smart position of media queries and \_\_\_\_\_

- Progressive Enhancement
- Size Optimization
- Low Load Time
- Breakpoints

\_\_\_\_\_ are browser widths that have a media question presentation to change the format.

- Spreadsheets
- Breakpoints
- Stackings
- Tab Bars

The keyword is used in an instance method or a constructor to refer to the current object.

- super
- static
- this
- new

Which of the following statements are true regarding the static methods? (Choose two correct answers)

- ☒ Can invoke only static methods and variables
- ☐ Cannot use this keyword
- ☒ Can invoke super class methods
- ☐ Can be used as static constructors

Which of the following command is used to extract contents of a .jar file

- jar cf jar-file-name
- jar xf jar-file-name
- jar tf jar-file-name
- java -jar jar-file-name

**Which of the following methods cannot have a body in Java?**

- final
- static
- local
- native

**The class is declared without a name within a code block such as the body of a method.**

- Local inner class
- Anonymous class
- Static Nested class
- Final class

**Which of the following interface does not inherit from the Collection interface?**

- Set
- List
- Map
- Queue

**Consider the following method declaration?**

**Public short getInt() { int s = 5; return s; }**

**Which of the following statements is true regarding the method declaration?**

- The method parameter list cannot be empty
- The method will not compile as the variable s needs to cast
- The method will compile successfully
- The statement int s = 5 throws runtime exception

**Consider the code snippet:**

**int x = 0;**

**int y = 10;**

**do {**

**Y--; ++x; while (x < 5); System.out.print(x + " ", "" + y);**

**What is the output of the following code?**



- 5,6
- 6,5
- 5,5
- 6,6

**Which of the following statements are true while using the import statement? (Choose three correct answers)**

- ☐ Not required to import classes present in the java.lang package
- ☐ import statement is not required for the classes inherited from some other package
- ☐ import statement is not required for the classes located in the same package
- ☐ Classes that are declared and used along with their package name do not require the import statement

**After the installation of JDK is completed on the system, a directory structure is created under the default directory, that is, C:\Program Files\Java.**

**Which of the following folder in the directory structure contains tools, such as compiler and JVM used for developing a Java application?**

- bin
- db
- include
- lib

**The following method of Local class returns a Local Object.**

- getDefault()
- getDisplayCountry()
- getDisplayLanguage()
- getLocalObject()

**In internationalization file stores the information about the characteristics of a program or environment.**

- Install file
- Config file
- Properties file
- Resource file

Which one of the following is a 16-bit char value?

- Code Point
- **Character**
- Code Unit
- Character Set

Identify the code that represents a country in the Internalization process.

- ISO 3166 alpha-2 code
- ISO 3166 alpha-4 code
- alpha-3 ISO 639 code
- alpha-4 ISO 639 code

The atomic method includes memory consistency features similar to the simple arithmetic methods that apply to integer atomic variables.

- Notify()
- Synchronize()
- compareAndSet()
- tryLock()

Which of the following statements are true about threads?

- Every thread starts executing with a default priority of 6.
- Threads inherit their priority from their parent thread.
- **Threads are guaranteed to run with the priority that you set using the setPriority() method.**
- Thread priority is an integer ranging from one to hundred.

Why is the reference finalized when implementing the singleton design pattern?

- **This prevents a constructor from instantiating the singleton class.**
- This provides greater flexibility in coding.
- This restricts attempts to instantiate the singleton class. 0 This does not allow a different instance to be referenced.

Which of the following is not a property of transactions?

- Atomicity
- **Concurrency**
- Isolation
- Durability

Assuming that Parent is a base class and Child is a Derived class which of the following will compile without errors?

- List<? super Parent> alList = new ArrayList<Child>();
- List<?> alList = new ArrayList<? super Child>();
- List<?> alList = new ArrayList<? extends Parent>();
- List<?> alList = new ArrayList<Parent>();

Match the following Term with its corresponding feature.

<i>SI No</i>	<i>Left Column</i>	<i>SI No</i>	<i>Right Column</i>	<i>Correct Answer for column A</i>
A1	Interface	B1	Implements the Data Access Object interface and retrieves data from a data source	(1)B1 (2) B2 (3)B3 (4)B4
A2	IS-A relationship	B2	Requires more time to find the actual method in the corresponding classes	(1)B1 (2) B2 (3)B3 (4)B4
A3	Factory pattern	B3	Displays class hierarchy in case of class inheritance.	(1)B1 (2) B2 (3)B3 (4)B4
A4	DAO Concrete Class	B4	prevents the application from being tightly coupled to a specific DAO implementation	(1)B1 (2) B2 (3)B3 (4)B4

Match the following modifiers with their description.

<b>SI No</b>	<b>Left Column</b>	<b>SI No</b>	<b>Right Column</b>	<b>Correct Answer for column A</b>
A1	Volatile	B1	It is used to invoke a method that resides outside JVM	(1)B1 (2) B2 (3)B3 (4)B4
A2	Native	B2	It is used with a variable that will not be stored as part of object in the persistence storage	(1)B1 (2) B2 (3)B3 (4)B4
A3	Transient	B3	It is used when the modification of a class or data member is to be restricted	(1)B1 (2) B2 (3)B3 (4)B4
A4	Final	B4	It allows the content of a variable to be synchronized across all 0 B1 running threads	(1)B1 (2) B2 (3)B3 (4)B4

### **Testing Android Applications**

1. \_\_\_\_\_ will be the location where the application is saved in Android projects
  - <target-id>
  - Android list targets
  - <Path-to-workspace>
  - <Instrumentation>

### **Testing Android Applications**

2. Which of the following resets the Test fixture?
  - tearDown
  - setUp()
  - testPreconditions
  - <runner\_class>

### **Programming in Swift**

3. Which statement is used on Swift instead of if statement for conditional programming?
- If
  - If?else
  - switch
  - nested if

### ***Programming in Swift***

4. \_\_\_\_\_ cannot override existing functionality
- Enumerations
  - **Extensions**
  - Properties
  - Type Casting

### ***Programming in Swift***

5. Which of the following is a property whose initial value is not calculated until the first time it is used
- Lazy stored property
  - Stored property
  - Computed property
  - Stored property and Instance variables

### ***Programming in Swift***

6. Swift returns multiple values using
- **Tuples**
  - Reference
  - Blocks
  - Functions

### ***Programming in Swift***

7. Range operators includes \_\_\_\_\_
- **Closed range operators**
  - Nil-Coalescing operator
  - Ternary operator
  - Closed range operator and Half-opened operator

### ***Programming in Swift***

8. Now many Logical operators does the Swift support.

- 2
- 3
- 1
- 5

### ***Programming in Swift***

9. Initializers are written using the\_\_\_\_\_ Keyword

- **init()**
- init?
- init
- initializer

### ***Programming in Swift***

10. \_\_\_\_\_defines an alternative name for an existing type

- Class
- Type aliases
- Inheritance
- Type Casting

### ***Programming In Swift***

11. How many kinds of Types does Swift support and what are they?

- 1-named types
- 2-named types and Integer types
- 1-Compound types
- 2-named types and Compound types

### ***Programming In Swift***

12. What is the purpose of viewDidLoad

- viewDidLoad is for the User Interface
- viewDidLoad is a method where variable declarations takes place

- **ViewDidLoad** is a function that gets called when the UI (view) loads on the screen
- It is called at the background of the App

### ***Programming in Swift***

13. Properties encapsulate the instance variables by providing which methods?

- Getter
- **getter and setter**
- function and getter
- setter

### ***Programming in Swift***

14. Which property is used to refer to the current instance within its own instance methods?

- Lazy stored property
- Stored property
- Computed property
- **Self**

### ***Programming in Swift***

15. Which of the following example shows the Iteration Duet an array?

- for item in Shoppinglist {
- for Hem in shoppinglist print (item)}
- for int i=0; i<10; i++ {i++;}
- **var item in shoppinglist**

### ***Programming in Swift***

16. Which Is the control transfer statements used In Swift

- **fallThrough**
- Tuples
- Methods
- **Break**

### ***Programming in Swift***

17. How is Lazy stored properly useful?

- **It manipulates the data very slowly so memory will not be wasted**

- When the initial value for the property is reliant on outside factors whose values are unknown
- When the initial value for the property is reliant on outside factors whose values are known
- The initial values for the property are unknown to each other

### ***Xcode Application Development***

18. User interface files in the project can have .nib or \_\_\_\_\_ as the filename extension

- **.xib**
- x
- xi
- xb

### ***Xcode Application Development***

19. A storyboard includes a sequence of \_\_\_\_\_

- Objects
- Controllers
- Scenes
- Views

### ***Xcode Application Development***

20. What does a thread refer to ?

- Programs console output
- Separate path of code execution
- Issues
- Logs

### ***Xcode Application Development***

21. Which one of the following reduces the memory footprint of a system?

- Framework
- **Routine**



- Method
- Resource

### ***Xcode Application Development***

22. Complete reference documentation for a symbol can be accessed from the

- 
- Project Navigator
  - Inspector Pane
  - Activity Viewer
  - Variables Pane

### ***Xcode Application Development***

23. You need to create a copy of the selected Re or folder in the workspace which one of the following options will you choose?

- Copy items into destination group's folder
- Create groups for any added folders
- Create folder references for any added folders
- Add to targets

### ***Xcode Application Development***

24. Which one of the following options permanently deletes a file

- Move to Trash
- Delete
- Cancel
- Remove Reference

### ***Android Application Development (Marshmallow-Android 6)***

25. DVM stands for

- Dalvik Virtual Machine
- Dividend Valuation Model
- Dividend discount machine
- Dalvik Virtual Model

### ***Android Application Development (Marshmallow Android 6)***

26. Which of the following are the most commonly used Preferences?

- ListViewPreference and SharedViewPreference
- CheckBoxPreference, ListPreference. and EdltTextPreference
- TextFieldPreference and CheckedlistPreference
- EdhTextPreference and SharedViewPreference

### ***Android Application Development (Marshmallow-Android 6)***

### ***Android Application Development (Marshmallow Android 6)***

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