

1. In an explicit intent, which of the following is present?

- a. Action
- b. Category
- c. URI
- d. Component

2. In the life cycle of Activity, immediately after which event onPause event occurs?

- a. onStop
- b. onCreate
- c. onRestart
- d. onResume

3. Which of the following is used to make data in the database available to other applications for access and manipulations?

- a. Activity
- c. Service
- d. Intent
- a. ContentProvider

4. _____ method of SQLiteOpenHelper is called when database is created

- a. create()
- b. onCreate()
- c. onUpdate()
- d. onStartup()

5. _____ method returns list of all files from internal storage?

- a. getFilesDir()
- b. getDir()
- c. fileList()
- d. listFiles()

6. _____ method of AsyncTask is used to perform long running operation

- a. doProcess()
- b. onProcess()
- c. doInBackground()
- d. onBackground()

7. Which of the following viewgroups is considered if its contents are to be scrollable?

- a. FrameLayout
- b. LinearLayout
- c. RelativeLayout
- d. ListView

8. Which of the following is correct order for life cycle events of an Activity?

- a. onCreate, onStop, onRestart
- b. onCreate, onStart, onResume
- c. onCreate, onStart, onPause
- d. onCreate, onPause, onResume

9. _____ method is used to get data from a content provider

- a. ContentResolver.query()
- b. ContentProvider.query()

- c. `ContentProvider.managedQuery()`
- d. `ContentResolver.managedQuery()`

10. Which of the following is NOT a characteristic of Content Provider?

- a. It is associated data
- b. It is accessed using URI
- c. It supports query, insert, delete and update operations
- d. It runs in a separate thread

1. A type of service provided by android that shows messages and alerts to user is

- a) Content Providers
- b) View System
- c) Notifications Manager
- d) Activity Manager

Ans. C

2. Broadcast that includes information about battery state, level, etc. is

- a) `android.intent.action.BATTERY_CHANGED`
- b) `android.intent.action.BATTERY_LOW`
- c) `android.intent.action.BATTERY_OKAY`
- d) `android.intent.action.CALL_BUTTON`

ans. A

3. One of application component, that manages application's background services is called

- a) Activities
- b) Broadcast Receivers
- c) Services
- d) Content Providers

Ans. C

4. In android studio, callback that is called when activity interaction with user is started is

- a) `onStart`
- b) `onStop`
- c) `onResume`
- d) `onDestroy`

ans. C

5. Tab that can be used to do any task that can be done from DOS window is

- a) TODO
- b) messages
- c) terminal
- d) comments

ans. C

6. Space outside of widget can be customized using

- a) padding
- b) height
- c) weight
- d) margins

ans. D

7. Tab that shows hierarchy of project is

- a) Build variants
- b) Structure
- c) Favorites
- d) Project

Ans. B

8. In android, compiled code is executed by part of android system called

- a) DEX
- b) DVM
- c) JDK
- d) API

Ans. B

9. One of operating system that cannot be used for android application development is

- a) Windows
- b) Mac
- c) Linux
- d) Contiki

Ans. D

10. A class that allows to display messages on logcat windows is

- a) Toast Class
- b) Log class
- c) makeTest class
- d) Show class

Ans. B

11. One of recent android version is

- a) Kitkat
- b) Marshmallow
- c) Lollipop
- d) Jelly Bean

Ans. B

12. In android studio, virtual console type tab that is used as command line interface is called

- a) memory
- b) CPU
- c) logcat
- d) ADB logs

Ans. D

13. Dalvik Virtual Machine (DVM) actually uses core features of

- a) Windows
- b) Mac
- c) Linux
- d) Contiki

Ans. C

14. On implementing method of onStartCommand(), service must be stopped after task is completed using

- a) stopSelf()
- b) stopService()
- c) stopSelf() or stopService()
- d) endService()

ans. C

15. Button option can be choose from palette category

- a) textfields
- b) containers
- c) widgets
- d) layouts

ans. C

1 - How to pass the data between activities in Android?

A - Intent

[B - Content Provider](#)

[C - Broadcast receiver](#)

[D - None of the Above](#)

2 - What are the layouts available in android?

[A - Linear Layout](#)

[B - Frame Layout](#)

[C - Table Layout](#)

[D - Relative Layout](#)

E - All of above

3 -What are the functionalities of Binder services in android?

[A - Binder is responsible to manage the thread while using aidl in android](#)

[B - Binder is responsible for marshalling and un-marshalling of the data](#)

C - A & B

[D - Binder is a kind of interface](#)

[E - None of the above](#)

4 - How to access the context in android content provider?

[A - Using getContext\(\) in onCreate\(\)](#)

[B - Using intent\(\)](#)

[C - Using getApplicationContext\(\) at anywhere in an application](#)

D - A & C

[E - A & B](#)

5 - What is an anonymous class in android?

[A - Interface class](#)

B - A class that does not have a name but have functionalities in it

[C - Java class](#)

[D - Manifest file](#)

6 - How many ports are allocated for new emulator?

A - 2

[B - 0](#)

[C - 10](#)

[D - None of the above.](#)

7 - How to fix crash using log cat in android?

[A - Gmail](#)

B - log cat contains the exception name along with the line number

[C - Google search](#)

[D - None of the above.](#)

8 - What is fragment life cycle in android?

[A - onReceive\(\)](#)

[B - onCreate\(\)](#)

C - onAttach()->onCreate() -> onCreateView() -> onActivityCreated() -> onStart() -> onResume()

[D - None of the above](#)

9 -What are return types of startActivityForResult() in android?

[A - RESULT_OK](#)

[B - RESULT_CANCEL](#)

[C - RESULT_CRASH](#)

D - A & B

[E - B & C](#)

10 - What is the life cycle of foreground activity in android?

[A - onCreate\(\) -> onStart\(\) -> onResume\(\) -> onStop\(\) -> onRestart](#)

[B - onCreate\(\) -> onStart\(\) -> onResume\(\) ->onStop\(\)](#)

C - onCreate() -> onStart() -> onResume()

[D - None of the above](#)

1) How we can disable a specific auto- configuration class?

- ☐ Using include attribute of @DisableAutoconfiguration
- ☐ Using not exclude attribute of @DisabaleAutoConfiguration
- ☐ Using not include attribute of @EnableAutoConfiguration
- ☒ Using exclude attribute of @EnableAutoConfiguration

Ans: d

2) Which of these methods is called first when an Activity is initially launched?

- ☐ onStart()
- ☒ onPause()
- ☐ onCreate()
- ☐ onResume()

Ans: c

3) Which media format are supported by Android?

- ☐ MP4
- ☐ AVI
- ☐ MIDI
- ☒ Above A & C

Ans: d

4) What does the Android project folder "res/" contain?

- ☒ Resource files
- ☐ Java source code
- ☐ Libraries
- ☐ Java Activity classes

Ans: a

5) How can we ensure security securities in Android?

- ☐ App and Kernel level security
- ☐ Android level security
- ☐ Java level security
- ☐ None of the above

6) Which of the following is not a spring boot layer?

- ☐ Presentation Layer
- ☒ Service layer
- ☐ Persistence Layer
- ☐ Business Layer

Ans: b

7) In which of the following locations would you include XML code to define a menu resource, including the menu items?

- ☐ res/xml/main_menu.xml
- ☒ res/menu/main_menu.xml
- ☐ res/menus/main_menu.xml
- ☐ res/layout/main_menu.xml

Ans: b

8) Which of the following class in android displays information for a short period of time and disappears after some time?

- ☒ toast class
- ☐ log class
- ☐ maketest class
- ☐ None of the above

Ans: a

9) Which of the following correctly assigns the content of a TextView using a value defined in the res/values/strings.xml file as follows: < string name="info_text" >Here is the info< /string >

- ☒ android:text="@string/info_text"
- ☐ android:text="@+id/info_text"
- ☐ android:value="@strings/info_text"
- ☐ android:text="@+strings/info_text"

Ans: a

10) Action bar can be associated to

- ☐ Only Fragments
- ☒ Only Activities
- ☐ Both Activities and Fragments
- ☐ None

Ans: b

11) Which of the following annotation is used to bind application properties to the class fields?

- ☐ @ApplicationProperties
- ☒ @ConfigurationProperties
- ☐ @AppProperties
- ☐ None of the above

Ans: b

12) When does a context menu appear?

- ☐ on pressing
- ☒ on long-pressing
- ☐ on pressing the menu button
- ☐ on swiping

Ans: b

13) Which of the following is not one of the pre-defined Android View Groups?

- ☐ RelativeLayout
- ☒ FixedLayout
- ☐ GridLayout
- ☐ TableLayout

Ans: b

14) In apps developed for Android 3.0 and higher, options menu items appear in the Action Bar.

- ☒ True
- ☐ False

Ans: a

15) What is the function of Manifest.xml in Android?

- ☐ It has the information about activities in an application
- ☐ It has the information about layout in an application
- ☒ It has all the information about an application
- ☐ None of the Above

Ans: c

16) How primary key is annotated with attribute?

- ☐ @Column
- ☐ @Id
- ☐ @PrimaryKeyNotNull
- ☐ @PrimaryKeyNotNullAutoIncrement

17) Which of the following XML layout excerpts would allow you to identify a View in Java as follows:

findViewById(R.id.submit_btn);

- ☐ android:id="@id/submit_btn"
- ☐ android:id="@+name/submit_btn"
- ☒ android:id="@+id/submit_btn"
- ☐ android:id="@string/submit_btn"

Ans: c

18) The annotation to be added to automatically configure beans based on the classes added to the class path is ?

- ☐ @AutoConfiguration
- ☒ @EnableAutoConfiguration
- ☐ @EnableConfiguration
- ☐ None of the options

Ans: b

19) What do you mean by interface in android?

- ☐ Interface is not service
- ☐ Interface is a class
- ☒ Interface acts as a bridge between class and the outside world.
- ☐ Interface is a layout file

Ans: c

20) In which tab error is shown?

- ☐ View
- ☐ Memory
- ☐ ADB Logs
- ☐ Logcat

Ans: d

21) Which of the following layout arranges its children into rows and columns?

- ☐ RelativeLayout
- ☐ TabLayout
- ☐ FrameLayout
- ☐ None

Ans: b

22) Which compiler converts java byte code into Dalvik byte code?

- ☐ Dalvik Converter
- ☐ Android Interpretive Compiler
- ☐ Mobile Interpretive Compiler
- ☐ Dex compiler

Ans:

23) What does the following specify when placed in the XML for a menu item:
android:showAsAction="ifRoom"

- ☐ the item must always appear in the Action Bar
- ☐ the item must always appear in the overflow menu
- ☒ the item should appear in the Action Bar if there is room, otherwise appearing in the overflow menu
- ☐ the item should appear in the overflow menu if there is room, otherwise appearing in the Action Bar

Ans: c

24) Which of the following Java code samples could be used to apply an XML layout resource to an Activity?

- ☐ findViewById(R.id.help);
- ☒ setContentView(R.layout.help);
- ☐ addContentView(R.layout.help);
- ☐ setVisible(true);

Ans: b

25) The XML file that contains all the text that your application uses

- a) text.xml
- b) strings.xml
- c) string.java
- d) stack.xml

Ans: b

26) What do you mean by sandbox in android?

- a) Android development tool kit
- b) Android Box
- c) Each application runs securely in sandbox without interrupting another process
- d) None

Ans: c

Android Questions (100)

01 Which is the base class for all android classes?

A Object

B Class

C Android

D none of these

02 Which of the following resources can you use directly from available resources?

A style

B styleable

C string

D raw

03 Which of the following file describes the application being built and what components – activities, services, etc. – are being supplied by that application?

A build.xml

B AndroidManifest.xml

C Manifest.xml

D Android.xml

04 Which of the following scripts is used for building the application and installing it on the device?

A build.xml

B AndroidManifest.xml

C Manifest.xml

D Android.xml

05 Which of the following holds the application once it is compiled?

A res/

B assets/

C src/

D bin/

06 Which of the following holds Java source code for the application?

A res/

B assets/

C src/

D bin/

07 "res/" holds

A resources

B Java source code

C application

D static files

08 "assets/" holds

A resources

B Java source code

C application

D static files

09 For building Android application we need

A JDK

B SDK

C ADK

D MDK

10 If you are using tools that are not Android-enabled, you can use the _____ script, found in the tools/ directory in your SDK installation.

A build.xml

B activityCreator.py

C Android.xml

D Manifest.xml

11 The simplest widget is the label, referred to in Android as a _____

A TextView

B grid view

C lableview

D none of these

12 Which of the following widgets helps you to embed images in your activities?

A ImageView

B ImageButton

C both a and b

D none of these

13 _____ field provides automatic spelling assistance.

A Android:autoText

B Android:capitalize

C Android:digits

D Android:singleLine

14 _____ field automatically capitalizes the first letter of entered text.

A Android:autoText

B Android:capitalize

C Android:digits

D Android:singleLine

15 _____ field accepts only certain digits

- A Android:autoText
- B Android:capitalize
- C Android:digits**
- D Android:singleLine

16 _____ field is used for single-line input or multiple-line input.

- A Android:autoText
- B Android:capitalize
- C Android:digits
- D Android:singleLine**

17 Which of the following methods do we use to get the root of the tree?

- A findViewById()
- B getParentOfType()
- C getRootView()**
- D getParent()

18 If you want to increase the whitespace between widgets, you will need to use the _____ property

- A Android:padding**
- B Android:digits
- C Android:capitalize
- D Android:autoText

19 Android:layout_alignParentTop property takes a simple _____ value

- A integer**
- B character
- C float
- D Boolean

20 Android's mobile operating system is based on a modified version of the _____

- A Linux kernel**
- B Unix kernel
- C windows
- D Mac

21 In which package classes that help for network access in android are available?

- A java.net
- B android.net**
- C android.nfc
- D android.mtp

22 What is meant by SIP?

- A session Initiation Protocol**
- B session information protocol
- C server information protocol
- D server initiation protocol

23 Which class contains constant in MTP and PTP specification?

A MtpStorageInfo

B MtpConstants

C MtpDevice

D MtpObjectInfo

24 APK package contains _____ files.

A .dex

B .XML

C .DOC

D .Xls

25 What do you mean by .dex?

A Dalvik expansion

B Dalvik extension

C Dalvik executables

D David executables

26 Which exception is thrown when a given package, application, or component name can not be found?

A PackageManager.NameNotFoundException

B Resources.NotFoundException

C ParseException

D FormatException

27 The custom typeface of Android is called _____

A Droid

B Norad

C includes

D Tapas

28 Android application is written with _____ programming language.

A java

B .Net

C linux

D c++

29 For Date/Time manipulation which package is used in android?

A view

B test

C util

D text

30 Which package do we need to use for writing android test cases?

A text

B test

- C widget
- D security

31 You get a TabSpec instance from the host via _____

- A newTabSpec()**
- B setContent()
- C setIndicator()
- D setup()

32 ExpandableListView is used for

- A simplified tree representation
- B Tree generation
- C Tree creation**
- D Tree deletion

33 For receiving an instance of Menu, we have to use

- A setup()
- B setIndicator()
- C onCreate()
- D onCreateOptionsMenu()**

34 If you provide a _____, your choice identifier (second parameter) can be 0.

- A Runnable**
- B Tapas
- C Includes
- D Droide

35 The menu can be placed into alphabetic shortcut mode by calling _____

- A setup()
- B setQwertyMode()**
- C setContent()
- D setIndicator()

36 Typically MIME type will be

- A html
- B text
- C Text/HTML**
- D Doc

37 For MIME Text/Html document , encoding will be in _____

- Options
- A UTF-8**
- B ASCIIE
- C EBCDIC
- D BCD

38 Is the Bluetooth serial port profile supported by Android?

A yes

B No

39 Which of the following Dialog boxes are supported by Android? 1) AlertDialog 2) ProgressDialog 3)

DatePickerDialog 4) TimePickerDialog

A 1 and 2

B 3 and 4

C all of the above

D none of these

40 What is mean by AAPT?

A Android Asset Packaging Tool

B Application Asset Packaging Tool

C Android Application Packaging Tool

D none of these

41 What is mean by ANR?

A Application not Recognized

B Android not recognized

C Application Not Responding

D None of these

42 What do you mean AIDL?

A Android Interface Data language

B Android Interface Definition Language

C Application Interface Data Language

D Application Interface Definition Language

43 Which of the following data type(s) are supported by AIDL? 1)string 2)list 3)map 4)All native java datatype

A 1,2 and 3

B 4

C All of the above

D None of these

44 What is Android?

A mobile operating system

B windows operating system

C programming language

D application software

45 Which of the following format is not supported by Android?

A mp4

B 3gp

C AVI

D FLV

46 Browsers that are available for Android are based on _____

A google chrome
B firefox
C open source webkit
D IE

47 Which of the following corporation bought Android?
A microsoft
B apple
C google
D none of these

48 Which of the following feature(s) is/are supported by Android?
A multitasking
B Bluetooth
C video chatting
D all of these

49 Which of the following are different storage methods available in Android? 1) Shared Preferences 2) Internal Storage 3) External Storage 4) SQLite Databases 5) Network Connection 6) Intermediate storage
A 1,2,3,4,6
B 2,3,4,5,6
C 1,2,3,4,5
D all of above

50 What is mean by localization?
A representing the products in different languages
B representing the products in different region
C representing the people in different languages
D representing the products in different languages with different attribute

51 What is APK?
A Application package kit
B Application package file
C Android package kit
D Android package file

52 Which of the following exception(s) is/are supported by Android? 1) InflateException 2) Surface.OutOfResourceException 3) SurfaceHolder.BadSurfaceTypeException 4) WindowManager.BadTokenException
A 1 and 2
B 3 and 4
C All of the above
D None of these

53 ADB stands for
A Android Debug Bridge
B Application Debug Bridge
C Android Data Bridge
D Application Data Bridge

54 Which of the following(s) is/are the nicknames of version(s) of Android? 1)cupcake 2)muffin 3)honeycomb 4)gingerbread

A 1,2,3

B 2,3,4

C 1,3,4

D 1,2,4

55 Does Android make assumption about device screen size, resolution or chipset?

A Yes

B No

56 For _____, code used by Android is not an open source

A Device driver

B video driver

C WiFi driver

D Bluetooth driver

57 Which of the following(s) is/are the part of Android native library? 1)webkit 2)OpenGL 3)SQLite 4)openUX 5)Dalvik

A 1,2,3

B 3,4,5

C All of the above

D None of these

58 Which compiler is used for compilation of Android code?

A Mobile Interpretive Compiler

B Dex compiler

C AIC

D DIC

59 Dex compiler compiles and converts source code into a byte code called _____

A Delvik byte code

B java byte code

C Android byte code

D none of these

60 Why JVM was replaced by DVM when Android development started?

A JVM is slow

B JVM is complicated to configure

C JVM was not free

D none of these

61 Which of the following(s) is/are component of APK file?

A Resources

B Delvik Executable

C Both a and b

D None of the above

62 Does Android support AWT and Swing?

A Yes

B No

63 Is it possible to run java source code directly on Android?

A Yes

B No

64 AVD stands for

A Android Virtual Device

B Application virtual device

C Android video device

D None of these

65 Which of the following file(s) is/are used to provide layout of your screen? 1) Strings XML 2)R file 3)Manifest 4)Layout file

A 1

B 4

C All of the above

D None of these

66 Which of the following file explains what the application consists of?

A Strings XML

B R file

C Manifest

D Layout file

67 Which of the following source code does an Android application uses and converts it into a Dalvik executable?

A the SDK

B the JDK

C java source code

D .NET source code

68 Which of the following tools are used by developer to test the application? 1)physical Android phone 2)SDK 3)third party Emulator 4)JDK 5)winrunner

A 1,2,3

B 3,4,5

C all of the above

D none of these

69 Eclipse is an _____

A Android tool

B IDE

C Android interface

D none of these

70 'values' subfolder has _____ which defines constant value

A XML file

B Image file

C doc file

D none of these

71 R file generates _____

A Automatically

B Manually

C Emulated

D None of these

72 An Android SDK is required to develop the application for Android.

A Yes

B No

73 Which of the following file contains the text that your application used?

A web.xml

B manifest.xml

C string.xml

D text.xml

74 Which of the following don't have any UI component and run as a background process?

A services

B simulator

C Emulator

D none of these

75 A single screen , the user sees on the device at one time, is known as _____

A service

B GUI

C activity

D application

76 If Fragment and activity is running and activity is destroyed, what is the effect on the fragment?

A Fragment is destroyed

B Fragment runs as it is

C Fragment goes in idle state

D none of these

77 Which are the states in service life cycle? 1)starting 2)paused 3)running 4)destroyed 5) wait 6)yield

A 1,2,3,5

B 1,3,4

C 2,5,6

D none of these

78 In _____, sender specifies type of receiver.

A Implicit intent

B Explicit intent

C a and b

D none of these

79 In pause state

A activity not in focus, but visible on screen

B activity not in focus, not visible on screen

C activity is focus also visible on screen

D activity is focus ,not visible on screen

80 _____ database is automatically supplied to you by Android.

A Apache

B Oracle

C SQLite

D MySql

81 For creating user interface in Android, you have to use

A Eclipse

B java and XML

C java and SQL

D Java and Pl/sql

82 Which of the following services are provided by Android operating system?

1)location

2)sensor reading

3)WiFi

4)cloud computing

A 1,2,3 and more

B 2,3,4and more

C All of the above

D None of these

83 At the time of making the network call user interface is sluggish or gets crash due to _____

A hardware problem

B virus

C network latency

D too much load

84 Funny fact about start of the Android is

A It was called as Eureka

B The first version of Android was released without an actual phone on the market

C It was a close source

D It was for desktop

85 _____makes appropriate list of application data for the other applications

A service provider

B content provider

C application provider

D resource

86 Which of the following type(s) of notification is/are available in Android? 1) Toast notification 2)Status bar notification 3)Dialog notification 4>alert notification

A 1,2,3

B 2,3,4

C 1,3,4

D none of these

87 Android provides a few standard themes, listed in_____

A R.style

B X.style

C manifest.XML

D application

88 Is it possible to write Android code using c/c++?

A yes

B no

89 For writing Android code using c/c++ , you need to use_____

A SDK

B JDK

C NDK

D MDK

90 Using a content provider, which of the following operations are able to perform? 1) create 2) read 3) update 4) delete

A 1,2,3

B 2,3,4

C all of the above

D none of these

91 To update contents of content provider using cursor and commit you need to call_____

A commitUpdates()

B updates()

C commit()

D none of these

92 To insert data into a content provider, you need to use_____ 1) insert() 2) bulkInsert() 3) getContentProvider() 4)update()

A 1 and 2

B 3 and 4

C all of the above

D none of these

93 What do you mean by BLOB?

A Bytes less object

B Binary large objects

C Binary low object

D bit low object

94 Android uses both the content, _____ and the _____ type as ways to identify content on the device.

A Uri, MIME

B MIME,HTTP

C Uri,HTTP

D uri,FTP

95 Requesting the use of other applications' data or services requires the user-permission element to be added to your_____ file

A Manifest.xml

B Android.xml

C AndroidManifest.xml

D none of these

96 The _____ application is an email monitoring application.

A Mail

B Buzz

C MailBuzz

D MailBox

97 IPC stands for

A Inter process communication

B Intra process communication

C Inter process control

D Intra process control

98 _____ is a means of interacting with activities or other Android components

A IPB

B IPC

C PCB

D PCI

99 In Android, you can raise notifications via _____

A Notification

B NotificationManager

C note

D Manager

100 The NotificationManager is a _____

A system service

B user service

C interactive service

D none of these

1. Which of the following Java code samples could be used to apply an XML layout resource to an Activity?

A. findViewById(R.id.help);

B. setContentView(R.layout.help);

C. addContentView(R.layout.help);

D. setVisible(true);

2. Which of the following defines the padding for an XML View?

A. android:layout_padding

B. android:padding

C. android:view_padding

D. android:padding_width

3. Which of these methods is called first when an Activity is initially launched?

A. onStart()

B. onPause()

C. onCreate()

D. onResume()

4. Which of the following XML layout excerpts would allow you to identify a View in Java as follows: findViewById(R.id.submit_btn);

A. android:id="@id/submit_btn"

B. android:id="@+name/submit_btn"

C. **android:id="@+id/submit_btn"**

D. android:id="@string/submit_btn"

5. Which of the following is not one of the pre-defined Android View Groups?

A. RelativeLayout

B. **FixedLayout**

C. GridLayout

D. TableLayout

6. In which of the following locations would you include XML code to define a menu resource, including the menu items?

A. res/xml/main_menu.xml

B. **res/menu/main_menu.xml**

C. res/menus/main_menu.xml

D. res/layout/main_menu.xml

7. In apps developed for Android 3.0 and higher, options menu items appear in the Action Bar.

A. **True**

B. False

8. When does a context menu appear?

A. on pressing

B. **on long-pressing**

C. on pressing the menu button

D. on swiping

9. What does the following specify when placed in the XML for a menu item:

android:showAsAction="ifRoom"

A. the item must always appear in the Action Bar

B. the item must always appear in the overflow menu

C. **the item should appear in the Action Bar if there is room, otherwise appearing in the overflow menu**

D. the item should appear in the overflow menu if there is room, otherwise appearing in the Action Bar

10. Which of the following correctly assigns the content of a TextView using a value defined in the res/values/strings.xml file as follows: <string name="info_text">Here is the info</string>

A. **android:text="@string/info_text"**

B. android:text="@+id/info_text"

C. android:value="@strings/info_text"

D. android:text="@+strings/info_text"

11. Which of the following must be supplied for each View in an Android XML layout?

A. id and layout_width

B. width and height

C. id and layout_weight

D. **layout_width and layout_height**

12. Which of the following defines a row within the XML for a TableLayout?

- A. **<TableRow>**
- B. <Row>
- C. <TableRowView>
- D. <RowView>

13. Which of the following is a typical example of gaining a reference to a View item, for example in order to attach an event listener to it?

- A. **Button infoBtn = (Button) findViewById(R.id.info_btn);**
- B. View infoView = new View(this);
- C. Button infoBtn = (Button) getView(R.id.info_btn);
- D. View infoView = (View) getContext();

14. Which of the following defines a left margin of 10 pixels in an XML View item?

- A. android:marginLeft="10px"
- B. android:layout_margin_left="10px"
- C. android:margin_left="10px"
- D. **android:layout_marginLeft="10px"**

15. Which of the following classes is used to display a message in an Android app only for a moment?

- A. Context
- B. **Toast**
- C. Alert
- D. Message

16. Which of the following is used to bind data to a layout View?

- A. Activity
- B. Context
- C. Intent
- D. **Adapter**

17. Which of the following correctly applies a style saved within an XML file in the res/values folder to a View in a layout file?

- A. **style="@style/MyStyle"**
- B. android:style="@style/MyStyle"
- C. android:style="@+style/MyStyle"
- D. android:style="MyStyle"

18. Which of the following is the correct outline for the "onClick" method in an OnClickListener?

- A. public void onClick(Activity a)
- B. **public void onClick(View v)**
- C. public void onClick(Context c)
- D. public View onClick(this)

19. Which of the following is a method of the View class which allows you to set the Layout Parameters, passing a ViewGroup as parameter?

- A. setLayoutParams**
- B. setLayoutParameters
- C. setParameters
- D. layoutParams

20. Which of the following Java methods returns the actual width of a View when the layout has been applied and the View drawn on screen?

- A. getLayoutWidth
- B. getWidth**
- C. getMeasuredWidth
- D. getViewWidth

21. Which operating systems support Android SDK Development?

- A. Windows
- B. Mac
- C. Linux
- D. All of the above**

22. Which integrated development environment (IDE) is best suited for beginner Android developers?

- A. Microsoft Visual Studio
- B. Android Studio**
- C. JBuilder
- D. AndroidDev

23. What tool can developers use to download Android SDK versions, samples, and other development tools for app development?

- A. The Android Tool Manager
- B. The Android Developer Plug-in
- C. And-Doc
- D. The Android SDK Manager**

24. What is an AVD?

- A. An Android Virus Definition
- B. A set of device configuration details for use with the Android emulator**
- C. An Android code versioning module
- D. A file used to define an Android app's name, icon, and other settings

25. True or False? You will only need to create one AVD in order to debug your applications

- A. True
- B. False**

26. What is one way can you connect Android devices to your development environment for debugging?

- A. Port 411
- B. DebugLink technology
- C. USB**
- D. None of the above. You can only debug your apps in the emulator, not devices.

27. If your app is building but is not installing properly on your device, what is the most likely reason?

- A. The app is built for an Android SDK version that is not compatible with your device.
- B. The device is not connected to your development machine properly.
- C. The device settings have not enabled USB debugging.
- D. All of the above.**

28. What does ADB stand for?

- A. Android Data Bot
- B. Android Debug Bridge**
- C. Android Device Bridge
- D. Active Digital Brain

29. _____ represents a single user interface screen

- a. Service
- b. Broadcast Receiver
- c. Content Provider
- d. Activity**

30. _____ is used to uniquely identify the framework API revision offered by a version of the Android platform

- a. Version Number
- b. API Level**
- c. Code Name

31. Which among the following is not a member of Open Handset Alliance

- a. Google
- b. Apple**
- c. Wipro
- d. None of these
- e. Samsung

32. Specify the directory name where the XML layout files are stored

- a. /assets
- b. /res/values
- c. /res/layout**
- d. /src

33. The root element of AndroidManifest.xml is :

- a. manifest**
- b. application
- c. activity
- d. action

34. What is the use of AndroidManifest.xml file?

- a. It declares the permissions of the application
- b. It declares the minimum level of the Android API that the application requires
- c. It facilitates to provide a unique name for the application by specifying package name

d. All

- e. It describes the components of the application

35. Android is initially developed by

- a. Apple Inc

b. Android Inc

- c. Open Handset Alliance

d. Google Inc

36. Which attribute of the element <uses-sdk> is used to specify the minimum API Level required for the application to run?

Select one:

a. android:minSdkVersion

- b. android:maxSdkVersion

c. android:targetSdkVersion

37. What is the name of the class which is inherited to create a user interface screen?

a. Activity

- b. None of these

- c. ViewGroup

- d. View

38. The basic building element of Android's user interface is called

- a. Activity

- b. ViewGroup

c. View

- d. ContentProvider

e. Layout

39. Select the method used to access a view element of a layout resource in an activity

Select one:

- a. setContentView()

- b. None of these

- c. onCreate()

d. findViewById()

40. A Layout where the positions of the children can be described in relation to each other or to the parent?

- a. Grid Layout

- b. Frame Layout

- c. Linear Layout

d. Relative Layout

41. Select an attribute that specifies how to place the content of an object, both on the x- and y-axis, within the object itself

a. layoutDirection

b. layout_width

c. gravity

d. layout_centerHorizontal

42. All layout classes are direct subclass of

a. android.view.View

b. android.view.ViewGroup

c. android.widget.AbsoluteLayout

d. java.lang.Object

43. Select the unit, that is not recommended for specifying dimensions

a. Density Independent Pixels

b. Pixels

c. Points

d. Scale Independent Pixels

44. Choose the layout, that is deprecated

a. Linear Layout

b. Relative Layout

c. Absolute Layout

d. Frame Layout

45. A layout that arranges its children into rows and columns?

a. Frame Layout

b. Absolute Layout

c. Linear Layout

d. Table Layout

46. Select one:

a.

<RelativeLayout

xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:tools="http://schemas.android.com/tools"

android:layout_width="match_parent"

android:layout_height="match_parent" >

<TextView

android:layout_height="wrap_content"

android:layout_width="wrap_content"

android:layout_centerHorizontal="true"

android:layout_centerVertical="true"

android:text="@string/hello_world"

tools:context=".MainActivity" />

</RelativeLayout>

b.

<RelativeLayout

xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:tools="http://schemas.android.com/tools"

android:layout_width="match_parent"

android:layout_height="match_parent" >

<TextView

android:id="@+id/tv_helloworld"

android:layout_height="wrap_content"

android:layout_width="wrap_content"

android:layout_centerHorizontal="true"

android:layout_centerVertical="true"

android:text="@string/hello_world"

tools:context=".MainActivity" />

</RelativeLayout>

c.

<RelativeLayout

xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:tools="http://schemas.android.com/tools"

android:layout_width="match_parent"

android:layout_height="match_parent" >

<TextView

android:id="@+id/tv_helloworld"

android:layout_width="wrap_content"

android:layout_centerHorizontal="true"

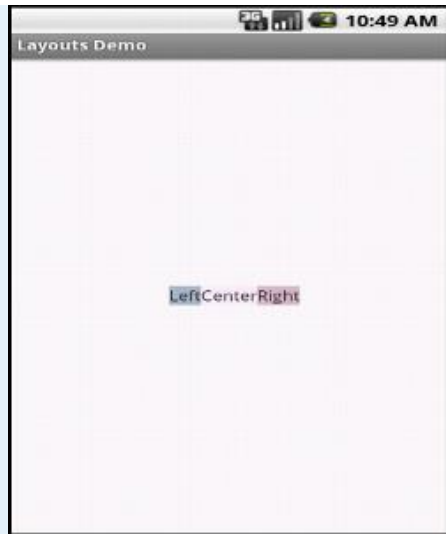
android:layout_centerVertical="true"

android:text="@string/hello_world"

tools:context=".MainActivity" />

</RelativeLayout>

47. Choose a suitable XML layout file for the given below activity screen :



Select one:

a.

<RelativeLayout

```
xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent" >
```

<TextView

```
android:id="@+id/center"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="@string/center"
android:background="@color/center"
android:layout_centerHorizontal="true"
android:layout_centerVertical="true"
tools:context=".MainActivity" />
```

<TextView

```
android:id="@+id/left"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="@string/left"
android:background="@color/left"
android:layout_toLeftOf="@id/center"
tools:context=".MainActivity" />
```

<TextView

```
android:id="@+id/right"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="@string/right"
```

```
android:background="@color/right"
android:layout_toRightOf="@id/center"
tools:context=".MainActivity" />
```

</RelativeLayout>

b.

```
<RelativeLayout
xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent" >
```

```
<TextView
android:id="@+id/center"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="@string/center"
android:background="@color/center"
android:layout_centerInParent="true"
tools:context=".MainActivity" />
```

```
<TextView
android:id="@+id/left"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="@string/left"
android:background="@color/left"
android:layout_toLeftOf="@id/center"
android:layout_centerVertical="true"
tools:context=".MainActivity" />
```

```
<TextView
android:id="@+id/right"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="@string/right"
android:background="@color/right"
android:layout_toRightOf="@id/center"
android:layout_centerVertical="true"
tools:context=".MainActivity" />
```

</RelativeLayout>

c.

```
<RelativeLayout
xmlns:android="http://schemas.android.com/apk/res/android"
```

```
xmlns:tools="http://schemas.android.com/tools"  
android:layout_width="match_parent"  
android:layout_height="match_parent" >
```

<TextView

```
android:id="@+id/center"  
android:layout_width="wrap_content"  
android:layout_height="wrap_content"  
android:text="@string/center"  
android:background="@color/center"  
android:layout_centerInParent="true"  
tools:context=".MainActivity" />
```

<TextView

```
android:id="@+id/left"  
android:layout_width="wrap_content"  
android:layout_height="wrap_content"  
android:text="@string/left"  
android:background="@color/left"  
android:layout_toRightOf="@id/center"  
android:layout_centerVertical="true"  
tools:context=".MainActivity" />
```

<TextView

```
android:id="@+id/right"  
android:layout_width="wrap_content"  
android:layout_height="wrap_content"  
android:text="@string/right"  
android:background="@color/right"  
android:layout_toLeftOf="@id/center"  
android:layout_centerVertical="true"  
tools:context=".MainActivity" />
```

</RelativeLayout>

48. Select a mandatory attribute for any view inside of a containing layout manager

- a. contentDescription
- b. id
- c. text

d. layout_width

49. A Layout that arranges its children in a single column or a single row?

- a. Relative Layout
- b. Absolute Layout
- c. GridLayout

d. Linear Layout

50. Pick a correct XML layout for the given below activity screen :



Select one:

a.

<RelativeLayout

```
xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent"
android:gravity="center_horizontal"
>
```

<TextView

```
android:layout_width="fill_parent"
android:layout_height="wrap_content"
android:text="@string/top"
android:background="@color/top"
android:layout_alignParentTop="true"
tools:context=".MainActivity" />
```

<TextView

```
android:layout_width="fill_parent"
android:layout_height="wrap_content"
android:text="@string/bottom"
android:background="@color/bottom"
android:layout_alignParentBottom="true"
tools:context=".MainActivity" />
```

</RelativeLayout>

b.

```
<RelativeLayout
xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent" >
```

```
<TextView
android:layout_width="fill_parent"
android:layout_height="wrap_content"
android:text="@string/top"
android:background="@color/top"
android:layout_alignParentTop="true"
android:gravity="center"
tools:context=".MainActivity" />
```

```
<TextView
android:layout_width="fill_parent"
android:layout_height="wrap_content"
android:text="@string/bottom"
android:background="@color/bottom"
android:layout_alignParentBottom="true"
android:gravity="center"
tools:context=".MainActivity" />
```

```
</RelativeLayout>
```

c.

```
<RelativeLayout
xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent" >
```

```
<TextView
android:layout_width="fill_parent"
android:layout_height="wrap_content"
android:text="@string/top"
android:background="@color/top"
android:layout_alignParentTop="true"
android:layout_centerHorizontal="true"
tools:context=".MainActivity" />
```

```
<TextView
android:layout_width="fill_parent"
android:layout_height="wrap_content"
android:text="@string/bottom"
```

```
android:background="@color/bottom"
android:layout_alignParentBottom="true"
android:layout_centerHorizontal="true"
tools:context=".MainActivity" />
```

</RelativeLayout>

51. Select the correct xml layout for the below screen :



Select one:

a.

<RelativeLayout

```
xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent"
>
```

<TextView

```
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:gravity="center"
android:text="HelloWorld"
tools:context=".MainActivity" />
```

</RelativeLayout>

b.

<RelativeLayout

```
xmlns:android="http://schemas.android.com/apk/res/android"
```



```
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent" >
```

```
<TextView android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_centerHorizontal="true"
android:layout_centerVertical="true"
android:text="HelloWorld"
tools:context=".MainActivity" />
```

</RelativeLayout>

c.

<RelativeLayout

```
xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent" >
```

<TextView

```
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_centerInParent="false"
android:text="HelloWorld"
tools:context=".MainActivity" />
```

52. A layout that lets you specify exact locations (x/y coordinates) of its children

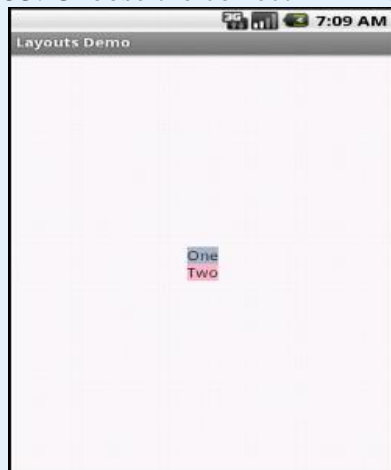
a. Frame Layout

b. Absolute Layout

c. Linear Layout

d. Relative Layout

53. Choose the correct XML layout for the given below activity screen



Select one:

a.

<LinearLayout

```
xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent"
android:gravity="center" >
```

<TextView

```
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="@string/one"
android:background="@color/one"
tools:context=".MainActivity" />
```

<TextView

```
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="@string/two"
android:background="@color/two"
tools:context=".MainActivity" />
```

</LinearLayout>

b.

<LinearLayout

```
xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent"
android:orientation="vertical" >
```

<TextView

```
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="@string/one"
android:background="@color/one"
tools:context=".MainActivity" />
```

<TextView

```
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="@string/two"
android:background="@color/two"
tools:context=".MainActivity" />
```

</LinearLayout>

c.

<LinearLayout

xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:tools="http://schemas.android.com/tools"

android:layout_width="match_parent"

android:layout_height="match_parent"

android:orientation="vertical"

android:gravity="center" >

<TextView

android:layout_width="wrap_content"

android:layout_height="wrap_content"

android:text="@string/one"

android:background="@color/one"

tools:context=".MainActivity" />

<TextView

android:layout_width="wrap_content"

android:layout_height="wrap_content"

android:text="@string/two"

android:background="@color/two"

tools:context=".MainActivity" />

</LinearLayout>

54. _____ tool is used to access database and manipulate it

Ans1. sqlite3

Ans2. sqlplus

Ans3. ddms

Ans4. database

Correct Answer : 1

55. In an explicit intent, which of the following is present?

Ans1. Action

Ans2. Category

Ans3. URI

Ans4. Component

Correct Answer : 4

56. In the life cycle of Activity, immediately after which event onPause event occurs?

Ans1. onStop

Ans2. onCreate

Ans3. onRestart

Ans4. onResume

Correct Answer : 4

57. Which of the following is used to make data in the database available to other applications for access and manipulations?

Ans1. Activity

Ans2. Service

Ans3. Intent

Ans4. ContentProvider

Correct Answer : 4

58. _____ method of SQLiteOpenHelper is called when database is created

Ans1. create()

Ans2. onCreate()

Ans3. onUpdate()

Ans4. onStartup()

Correct Answer : 2

59. _____ method returns list of all files from internal storage?

Ans1. getFilesDir()

Ans2. getDir()

Ans3. fileList()

Ans4. listFiles()

Correct Answer : 3

60. _____ method of AsyncTask is used to perform long running operation

Ans1. doProcess()

Ans2. onProcess()

Ans3. doInBackground()

Ans4. onBackground()

Correct Answer : 3

61. Which of the following viewgroups is considered if its contents are to be scrollable?

Ans1. FrameLayout

Ans2. LinearLayout

Ans3. RelativeLayout

Ans4. ListView

Correct Answer : 4

62. Which of the following is correct order for life cycle events of an Activity?

Ans1. onCreate, onStop, onRestart

Ans2. onCreate, onStart, onResume

Ans3. onCreate, onStart, onPause

Ans4. onCreate, onPause, onResume

Correct Answer : 2

63. _____ method is used to get data from a content provider

Ans1. ContentResolver.query()

Ans2. ContentProvider.query()

Ans3. ContentProvider.managedQuery()

Ans4. ContentResolver.managedQuery()

Correct Answer : 1

64. Which of the following is NOT a characteristic of Content Provider?

Ans1. It is associated data

Ans2. It is accessed using URI

Ans3. It supports query, insert, delete and update operations

Ans4. It runs in a separate thread

Correct Answer : 4

65. Which attribute is used to ensure a view occupies the rest of the area in LinearLayout

Ans1. layout_fill

Ans2. layout_span

Ans3. layout_weight

Ans4. layout_anchor

Correct Answer : 3

_____ is used in case task is very lengthy or need to be done regularly.

A. AndroidManifest.xml

B. Window

C. **Service**

D. Ctrl + Shift + O

An Android application is a collection of tasks, each of which is called a _____

A. Uniform Resource Identifier

B. versionCode

C. **Activity**

D. versionName

How to access string resource in layout file ?

A. manifest

B. **@string/mystr1**

C. False

D. default.properties

Specify the directory name where String resource are stored

A. versionCode

B. **/res/values**

C. True

D. Android Development Tools

_____ file defines your application's capabilities and permissions and how it runs.

A. Uniform Resource Identifier

B. **AndroidManifest.xml**

C. /res/values

D. onResume()

The Android operating system keeps track of all Activity objects running by placing them on an _____

- A. **Activity Stack**
- B. Context
- C. `getApplicationContext()`
- D. True

How to access image in layout file ?

- A. `versionCode`
- B. True
- C. **`@drawable/image1`**
- D. Android Development Tools

If your projects shows error while trying to run, so you want to clean your project, which menu you will use ?

- A. **Project**
- B. Android Debug Bridge
- C. Service
- D. `versionCode`

_____ file defines your application's build target and other build system options, as required.

- A. `versionName`
- B. True
- C. `versionName`
- D. **`default.properties`**

How to access images in .java file (source file) ?

- A. Service
- B. **`R.drawable.image1`**
- C. `@drawable/image1`

D. onPause()

Full form of ADT is _____

A. R.drawable.image1

B. Android Debug Bridge

C. Open Handset Alliance

D. Android Development Tools

When an Activity first starts, the _____ method is called

A. onCreate()

B. Uniform Resource Identifier

C. manifest

D. Uniform Resource Identifier

Full form of DDMS is _____

A. versionName

B. Dalvik Debug Monitor Server

C. Uniform Resource Identifier

D. /res/values

_____ is used to Retrieve application context.

A. True

B. Uniform Resource Identifier

C. manifest

D. getApplicationContext()

Passing Additional Information Using Intents which method is used ?

A. `versionName`

B. `AndroidManifest.xml`

C. **`putExtra`**

D. Open Handset Alliance

Action bar can be associated to

- A.Only activities**
- B.Only fragments
- C.Both activities and fragments
- D.None of the above

Fragment is not a part of activity

- A.True
- B.False**

ViewPager is used for

- A.Swiping Fragments**
- B.Swiping Activities
- C.Paging down list items
- D.View pager is not supported by android SDK

In nine patch image, corners are

- A.Scalable
- B.Not scalable**
- C.Can be either
- D.None of the above

Which one of the following is not included in API level 8 or lesser?

- A.Spinner
- B.Fragment**
- C.List View
- D.Progress Bar

Select deprecated components from the list below

- A.Absolute Layout**
- B.Media Controller
- C.Image Button
- D.Grid Layout
- E.Horizontal Scroll View

Is it possible to add views in a layout dynamically?

- A.Yes**
- B.No

Nesting in layouts is not supported in android

- A.True
- B.False**

Rating bar can be resize

- A.Yes
- B.No**

Which of the following does not belong to transitions?

- A.ViewSwitcher
- B.ViewFlipper
- C.ViewAnimator
- D.ViewSlider**

Android is based on which kernel?

Options

- Linux kernel**
- Windows kernel
- MAC kernel
- Hybrid Kernel

CORRECT ANSWER : Linux kernel

Web browser available in android is based on

Options

- Chrome
- Firefox
- Open-source Webkit**
- Opera

CORRECT ANSWER : Open-source Webkit

Android doesn't support which format.

Options

- MP4
- MPEG
- AVI**
- MIDI

CORRECT ANSWER : AVI

Android supports which features.

Options

- Multitasking
- Bluetooth
- Video calling
- All of the above**

CORRECT ANSWER : All of the above

Android is based on which language.

Options

- C
- C++
- VC++

- Java

CORRECT ANSWER : Java

If Fragment and activity is running and activity is destroyed, what is the effect on the fragment?

Options

- Fragment is destroyed

- Fragment runs as it is

- Fragment goes in idle state

- none of these

CORRECT ANSWER : Fragment is destroyed

Which are the states in service life cycle? 1)starting 2)paused 3)running 4)destroyed 5) wait 6)yield

Options

- 1,2,3,5

- 1,3,4

- 2,5,6

- none of these

CORRECT ANSWER : 1,3,4

In _____, sender specifies type of receiver.

Options

- Implicit intent

- Explicit intent

- a and b

- none of these

CORRECT ANSWER : Implicit intent

In pause state

Options

- activity not in focus, but visible on screen

- activity not in focus, not visible on screen

- activity is focus also visible on screen

- activity is focus ,not visible on screen

CORRECT ANSWER : activity not in focus, but visible on screen

_____ database is automatically supplied to you by Android.

Options

- Apache

- Oracle

- SQLite

- MySql

CORRECT ANSWER : SQLite

For creating user interface in Android, you have to use

Options

- Eclipse
- java and XML
- java and SQL
- Java and Pl/sql

CORRECT ANSWER : java and XML

Which of the following services are provided by Android operating system?

- 1)location
- 2)sensor reading
- 3)WiFi
- 4)cloud computing

Options

- 1,2,3 and more
- 2,3,4and more
- All of the above
- None of these

CORRECT ANSWER : 1,2,3 and more

_____makes appropriate list of application data for the other applications

Options

- service provider
- content provider
- application provider
- resource

CORRECT ANSWER : content provider

Which of the following type(s) of notification is/are available in Android? 1) Tost notification 2)Status bar notification 3)Dialog notification 4>alert notification

Options

- 1,2,3
- 2,3,4
- 1,3,4
- none of these

CORRECT ANSWER : 1,2,3

Android provides a few standard themes, listed in _____

Options

- R.style
- X.style
- manifest.XML
- application

CORRECT ANSWER : R.style

Is it possible to write Android code using c/c++?

Options

- yes
- no

CORRECT ANSWER : yes

For writing Android code using c/c++ , you need to use_____

Options

- SDK
- JDK
- NDK
- MDK

CORRECT ANSWER : NDK

**Using a content provider, which of the following operations are able to perform? 1) create 2) read 3) update
4) delete**

Options

- 1,2,3
- 2,3,4
- all of the above
- none of these

CORRECT ANSWER : all of the above

To update contents of content provider using curser and commit you need to call_____

Options

- commitUpdates()
- updates()
- commit()
- none of these

CORRECT ANSWER : commitUpdates()

**To insert data into a content provider, you need to use_____ 1) insert() 2) bulkInsert() 3)
getContentProvider() 4)update()**

Options

- 1 and 2
- 3 and 4
- all of the above
- none of these

CORRECT ANSWER : 1 and 2

What do you mean by BLOB?

Options

- Bytes less object
- Binary large objects
- Binary low object
- bit low object

CORRECT ANSWER : Binary large objects

Android uses both the content, _____ and the _____ type as ways to identify content on the device.

Options

- Uri, MIME
- MIME,HTTP
- Uri,HTTP
- uri,FTP

CORRECT ANSWER : Uri, MIME

Requesting the use of other applications' data or services requires the user-permission element to be added to your _____ file

Options

- Manifest.xml
- Android.xml
- AndroidManifest.xml
- none of these

CORRECT ANSWER : AndroidManifest.xml

In Android, you can raise notifications via _____

Options

- Notification
- NotificationManager
- note
- Manager

CORRECT ANSWER : NotificationManager

The NotificationManager is a _____

Options

- system service
- user service

- interactive service
- none of these

CORRECT ANSWER : system service

Which is the base class for all android classes?

Options

- Object
- Class
- Android
- none of these

CORRECT ANSWER : Object

Which of the following resources can you use directly from available resources?

Options

- style
- styleable
- string
- raw

CORRECT ANSWER : style

Which of the following file describes the application being built and what components – activities, services, etc. – are being supplied by that application?

Options

- build.xml
- AndroidManifest.xml
- Manifest.xml
- Android.xml

CORRECT ANSWER : AndroidManifest.xml

Which of the following scripts is used for building the application and installing it on the device?

Options

- build.xml
- AndroidManifest.xml
- Manifest.xml
- Android.xml

CORRECT ANSWER : build.xml

Which of the following holds Java source code for the application?

Options

- res/
- assets/
- src/
- bin/

CORRECT ANSWER : src/

“res/“ holds

Options

- resources

- Java source code
- application
- static files

CORRECT ANSWER : resources

“assets/” holds

Options

- resources

- Java source code

- application

- static files

CORRECT ANSWER : static files

For building Android application we need

Options

- JDK

- SDK

- ADK

- MDK

CORRECT ANSWER : SDK

The simplest widget is the label, referred to in Android as a _____

Options

- TextView

- grid view

- lableview

- none of these

CORRECT ANSWER : TextView

Which of the following widgets helps you to embed images in your activities?

Options

- ImageView

- ImageButton

- both a and b

- none of these

CORRECT ANSWER : both a and b

_____ field provides automatic spelling assistance.

Options

- Android:autoText
- Android:capitalize
- Android:digits
- Android:singleLine

CORRECT ANSWER : Android:autoText

_____ field automatically capitalizes the first letter of entered text.

Options

- Android:autoText
- Android:capitalize
- Android:digits
- Android:singleLine

CORRECT ANSWER : Android:capitalize

_____ field accepts only certain digits

Options

- Android:autoText
- Android:capitalize
- Android:digits
- Android:singleLine

CORRECT ANSWER : Android:digits

_____ field is used for single-line input or multiple-line input.

Options

- Android:autoText
- Android:capitalize
- Android:digits
- Android:singleLine

CORRECT ANSWER : Android:singleLine

Which of the following methods do we use to get the root of the tree?

Options

- findViewById()
- getParentOfType()
- **getRootView()**
- getParent()

CORRECT ANSWER : getRootView()

If you want to increase the whitespace between widgets, you will need to use the _____ property

Options

- **Android:padding**
- Android:digits
- Android:capitalize
- Android:autoText

CORRECT ANSWER : Android:padding

Android:layout_alignParentTop property takes a simple _____ value

Options

- integer
- character
- float
- **Boolean**

CORRECT ANSWER : Boolean

APK package contains _____ files.

Options

- **.dex**
- .XML
- .DOC
- .Xls

CORRECT ANSWER : .dex

What do you mean by .dex?

Options

- Dalvik expansion
- Dalvik extension
- **Dalvik executables**

- David executables

CORRECT ANSWER : Dalvik executables

Which exception is thrown when a given package, application, or component name can not be found?

Options

- PackageManager.NameNotFoundException

- Resources.NotFoundException

- ParseException

- FormatException

CORRECT ANSWER : PackageManager.NameNotFoundException

For receiving an instance of Menu, we have to use

Options

- setup()

- setIndicator()

- onCreate()

- onCreateOptionsMenu()

CORRECT ANSWER : onCreateOptionsMenu()

Q 1 - How to pass the data between activities in Android?

A - Intent

[B - Content Provider](#)

[C - Broadcast receiver](#)

[D - None of the Above](#)

Q 2 - What are the layouts available in android?

[A - Linear Layout](#)

[B - Frame Layout](#)

[C - Table Layout](#)

[D - Relative Layout](#)

E - All of above

Q 3 -What are the functionalities of Binder services in android?

[A - Binder is responsible to manage the thread while using aidl in android](#)

[B - Binder is responsible for marshalling and un-marshalling of the data](#)

C - A & B

[D - Binder is a kind of interface](#)

[E - None of the above](#)

Q 4 - How to access the context in android content provider?

[A - Using getContext\(\) in onCreate\(\)](#)

[B - Using intent\(\)](#)

[C - Using getApplicationContext\(\) at anywhere in an application](#)

D - A & C

[E - A & B](#)

Q 5 - What is an anonymous class in android?

[A - Interface class](#)

B - A class that does not have a name but have functionalities in it

[C - Java class](#)

[D - Manifest file](#)

Q 6 - How many ports are allocated for new emulator?

A - 2

[B - 0](#)

[C - 10](#)

[D - None of the above.](#)

Q 7 - How to fix crash using log cat in android?

[A - Gmail](#)

B - log cat contains the exception name along with the line number

[C - Google search](#)

[D - None of the above.](#)

Q 8 - What is fragment life cycle in android?

[A - onReceive\(\)](#)

[B - onCreate\(\)](#)

C - onAttach()->onCreate() -> onCreateView() -> onActivityCreated() -> onStart() -> onResume()

[D - None of the above](#)

Q 9 -What are return types of startActivityForResult() in android?

[A - RESULT_OK](#)

[B - RESULT_CANCEL](#)

[C - RESULT_CRASH](#)

D - A & B

[E - B & C](#)

Q 10 - What is the life cycle of foreground activity in android?

[A - onCreate\(\) -> onStart\(\) -> onResume\(\) -> onStop\(\) -> onRestart](#)

[B - onCreate\(\) -> onStart\(\) -> onResume\(\) ->onStop\(\)](#)

C - onCreate() -> onStart() -> onResume()

[D - None of the above](#)

1. Which of the following Java code samples could be used to apply an XML layout resource to an Activity?

- E. findViewById(R.id.help);
- F. setContentView(R.layout.help);**
- G. addContentView(R.layout.help);
- H. setVisible(true);

2. Which of the following defines the padding for an XML View?

- E. android:layout_padding
- F. android:padding**
- G. android:view_padding
- H. android:padding_width

3. Which of these methods is called first when an Activity is initially launched?

- E. onStart()
- F. onPause()
- G. onCreate()**
- H. onResume()

4. Which of the following XML layout excerpts would allow you to identify a View in Java as follows: findViewById(R.id.submit_btn);

- E. android:id="@id/submit_btn"
- F. android:id="@+name/submit_btn"
- G. android:id="@+id/submit_btn"**
- H. android:id="@string/submit_btn"

5. Which of the following is not one of the pre-defined Android View Groups?

- E. RelativeLayout
- F. FixedLayout**
- G. GridLayout
- H. TableLayout

6. In which of the following locations would you include XML code to define a menu resource, including the menu items?

- E. res/xml/main_menu.xml
- F. res/menu/main_menu.xml**
- G. res/menus/main_menu.xml
- H. res/layout/main_menu.xml

7. In apps developed for Android 3.0 and higher, options menu items appear in the Action Bar.

- C. True**
- D. False

8. When does a context menu appear?

- E. on pressing
- F. on long-pressing**
- G. on pressing the menu button
- H. on swiping

9. What does the following specify when placed in the XML for a menu item:
android:showAsAction="ifRoom"

- E. the item must always appear in the Action Bar
- F. the item must always appear in the overflow menu
- G. the item should appear in the Action Bar if there is room, otherwise appearing in the overflow menu**
- H. the item should appear in the overflow menu if there is room, otherwise appearing in the Action Bar

10. Which of the following correctly assigns the content of a TextView using a value defined in the res/values/strings.xml file as follows: <string name="info_text">Here is the info</string>

- E. android:text="@string/info_text"**
- F. android:text="@+id/info_text"
- G. android:value="@strings/info_text"
- H. android:text="@+strings/info_text"

11. Which of the following must be supplied for each View in an Android XML layout?

- E. id and layout_width
- F. width and height**

- G. id and layout_weight
- H. **layout_width and layout_height**

12. Which of the following defines a row within the XML for a TableLayout?

- E. **<TableRow>**
- F. <Row>
- G. <TableRowView>
- H. <RowView>

13. Which of the following is a typical example of gaining a reference to a View item, for example in order to attach an event listener to it?

- E. **Button infoBtn = (Button) findViewById(R.id.info_btn);**
- F. View infoView = new View(this);
- G. Button infoBtn = (Button) getView(R.id.info_btn);
- H. View infoView = (View) getContext();

14. Which of the following defines a left margin of 10 pixels in an XML View item?

- E. android:marginLeft="10px"
- F. android:layout_margin_left="10px"
- G. android:margin_left="10px"
- H. **android:layout_marginLeft="10px"**

15. Which of the following classes is used to display a message in an Android app only for a moment?

- E. Context
- F. **Toast**
- G. Alert
- H. Message

16. Which of the following is used to bind data to a layout View?

- E. Activity
- F. Context
- G. Intent
- H. **Adapter**

17. Which of the following correctly applies a style saved within an XML file in the res/values folder to a View in a layout file?

- E. **style="@style/MyStyle"**
- F. android:style="@style/MyStyle"
- G. android:style="@+style/MyStyle"
- H. android:style="MyStyle"

18. Which of the following is the correct outline for the "onClick" method in an OnClickListener?

- E. public void onClick(Activity a)
- F. **public void onClick(View v)**
- G. public void onClick(Context c)
- H. public View onClick(this)

19. Which of the following is a method of the View class which allows you to set the Layout Parameters, passing a ViewGroup as parameter?

- E. **setLayoutParams**
- F. setLayoutParameters
- G. setParameters
- H. layoutParams

20. Which of the following Java methods returns the actual width of a View when the layout has been applied and the View drawn on screen?

- E. getLayoutWidth
- F. **getWidth**
- G. getMeasuredWidth
- H. getViewWidth

21. Which operating systems support Android SDK Development?

- E. Windows
- F. Mac
- G. Linux
- H. **All of the above**

22. Which integrated development environment (IDE) is best suited for beginner Android developers?

- E. Microsoft Visual Studio
- F. **Android Studio**
- G. JBuilder
- H. AndroidDev

23. What tool can developers use to download Android SDK versions, samples, and other development tools for app development?

- E. The Android Tool Manager
- F. The Android Developer Plug-in
- G. And-Doc
- H. **The Android SDK Manager**

24. What is an AVD?

- E. An Android Virus Definition
- F. **A set of device configuration details for use with the Android emulator**
- G. An Android code versioning module
- H. A file used to define an Android app's name, icon, and other settings

25. True or False? You will only need to create one AVD in order to debug your applications

- C. True
- D. **False**

26. What is one way can you connect Android devices to your development environment for debugging?

- E. Port 411
- F. DebugLink technology
- G. **USB**
- H. None of the above. You can only debug your apps in the emulator, not devices.

27. If your app is building but is not installing properly on your device, what is the most likely reason?

- E. The app is built for an Android SDK version that is not compatible with your device.
- F. The device is not connected to your development machine properly.
- G. The device settings have not enabled USB debugging.
- H. **All of the above.**

28. What does ADB stand for?

- E. Android Data Bot
- F. **Android Debug Bridge**
- G. Android Device Bridge
- H. Active Digital Brain

29. _____ represents a single user interface screen

- A. Service
- B. Broadcast Receiver
- C. Content Provider
- D. **Activity**

30. _____ is used to uniquely identify the framework API revision offered by a version of the Android platform

- A. Version Number
- B. **API Level**
- C. Code Name

1. Android Web Browser is Based On

- A. Chrome
- B. **Open-source Webkit**

- C. Safari
- D. Firefox

2. Which media format is not supported by Android

- A. MP4
- B. AVI**
- C. MIDI
- D. MPEG

3. Which code used by android is not an open source.

- A. Video Driver
- B. WiFi Driver**
- C. Device Driver
- D. Bluetooth Driver

4. How many levels of securities are in Android?

- A. Android level security
- B. App and Kernel level security**
- C. Java level security
- D. None of the above

5. Which of the following does not belong to transitions ?

- A. ViewFilpper
- B. ViewAnimator
- C. ViewSwitcher
- D. ViewSlider**

6. What are the functionalities in Async task in Android ?

- A. onPeExecution()
- B. onPostExecution()**
- C. DoInBackground()
- D. onProgressUpdate()

7. What does AAPT stands for ?

- A. Android Asset Processing Tool.
- B. Android Asset Providing Tool.
- C. Android Asset Packaging Tool.**
- D. Android Asset Processing Technique.

8. View pager is used for

- A. Swiping Activities

B. Swiping Fragments

- C. Paging Down List Items
- D. View pager is not supported by android SDK

9. What is JNI in Android ?

- A. java Interface
- B. Java Native Interface**
- C. Java Network Interface
- D. Image editable tool

10. Action bar can be associated to

- A. Only Fragments
- B. Only Activities**
- C. Both Activities and Fragments
- D. None of the Above

11. What is the Manifest.xml in Android?

- A. It has the information about layout in an application
- B. It has all the information about an application**
- C. It has the information about activities in an application
- D. None of the Above

12. In which technique we can refresh the dynamic content in Android?

- A. Ajax**
- B. Java
- C. Android
- D. None of the above

13. What is an interface in android?

- A. Interface is a class
- B. Interface acts as a bridge between class and the outside world.**
- C. Interface is a layout file
- D. All the above

14. What is the name of the program that converts java byte code onto Dalvik byte code?

- A. Dex compiler**
- B. Dalvik Converter
- C. Android Interpretive Compiler(AIC)
- D. Mobile Interpretive Compiler(MIC)

15. Under which of the following Android is licensed?

- A. OSS
- B. Sourceforge
- C. Apache/MIT**
- D. None of the above

16. Which of the following is the first mobile phone released that ran the Android OS?

- A. HTC Hero
- B. Google gPhone
- C. T-Mobile G1**
- D. None

17. How can we stop the services in android?

- A. By using the stopSelf() and stopService() method**
- B. By using the finish() method
- C. By using the system.exit() method
- D. None of the above

18. What is an activity in android?

- A. Android class
- B. Android package
- C. A single screen in an application with supporting java code**
- D. None of the above

19. On which of the following, developers can test the application, during developing the android applications?

- A. Third-party emulators
- B. Emulators included in Android SDK
- C. Physical Android phone
- D. All the Above.**

20. Which of the following is the first callback method that is invoked by the system during an activity life-cycle?

- A. onClick() method
- B. onCreate() method**
- C. onStart() method
- D. onRestart() method

21. Does android support other languages than java?

- A. Yes**
- B. No
- C. May be
- D. None of the above

22. What is the use of content provider in Android?

A. For storing the data in the database

B. For sharing the data between applications

C. For sending the data from an application to another application

D. None of the above

23. Which of the following method is used to handle what happens after clicking a button?

A. onClick

B. onCreate

C. onSelect

D. None of the above

24. Which of the following android component displays the part of an activity on screen?

A. View

B. Manifest

C. Intent

D. Fragment

25. Which of the following is the parent class of Activity?

A. Context

B. Object

C. ContextThemeWrapper

D. None of the above

26. OHA in android stands for -

A. Open Health Academy

B. Open Handset Alliance

C. Open Handset Application

D. Open Handset Association

27. In which of the following tab an error is shown?

A. CPU

B. Memory

C. ADB Logs

D. Logcat

28. Which of the following is not a state in the service lifecycle?

A. Destroyed

B. Start

C. Paused

D. Running

29. Which of the following is the built-in database of Android?

A. SQLite

B. MySQL

C. Oracle

D. None of the above

30. Which of the following class in android displays information for a short period of time and disappears after some time?

A. toast class

B. log class

D. maketest class

D. None of the above

31. Which of the following method in android is used to log debug messages?

A. Log.r()

B. Log.R()

C. Log.d()

D. Log.D()

32. ANR in android stands for -

A. Application Not Reacting

B. Application Not Responding

C. Application Not Rendering

D. None of the above

33. All layout classes are the subclasses of -

A. android.view.View

B. android.view.ViewGroup

C. android.widget

D. None of the above

34. Which of the following layout in android arranges its children into rows and columns?

A. RelativeLayout

B. TabeLayout

C. FrameLayout

D. None of the above

35. What is the default value of the orientation attribute in LinearLayout?

A. Horizontal

B. Vertical

- C. No default orientation value.
- D. Both A and B

36. The XML file that contains all the text that your application uses

- A. stack.xml
- B. text.xml
- C. strings.xml**
- D. string.java

37. Creating a UI (User Interface) in Android requires careful use of

- A. Java and SQ
- B. XML and Java**
- C. XML and C++
- D. Dreamweaver

38. How to fix crash using log cat in android?

- A. Gmail
- B. log cat contains the exception name along with the line number**
- C. Google search
- D. None of the above

39. What is sandbox in android?

- A. Android Box
- B. Each application runs securely in sandbox without interrupting another process**
- C. Android development tool kit
- D. None of the above

40. Which is a correct statement about an XML layout file of the following?

- A. A file that is used to draw the content of an Activity**
- B. A layout PNG image file
- C. Both A & B
- D. A file that contains all application permission information

41. Which folder that contains the R.java file of the following?

- A. res
- B. src
- C. Both B & D
- D. bin
- E. gen**

42. Which is not an Android component of the following?

- A. Layout

- B. Service
- C. Activity
- D. Both A & C

43. What method you should override to use Android menu system?

- A. onCreateOptionsMenu()
- B. onCreateOptionsMenu()
- C. onCreateOptionsMenu()
- D. onCreateOptionsMenu()

44. Which class store additional information?

- A. Bundle
- B. Data store
- C. Extra
- D. None of these

45. In android application Which file holds to use the internet_____.

- A. create file
- B. Manifest file
- C. system file
- D. None of these

46. What Activity method you use to retrieve a reference to an Android view by using the id attribute of a resource XML?

- A. findViewById(int id)
- B. findViewById(int id)
- C. retrieveResourceById(int id)
- D. findViewById(String id)

47. Which of these are not one of the three main components of the APK?

- A. Webkit
- B. Native libraries
- C. Resources
- D. Dalvik Executable

48. Which one of the following belong to Parent Class of activity?

- A. Context Theme Wrapper
- B. Activity Group
- C. Context
- D. Object

49. What does APK stands for

- A. Android Package
- B. Android Proprietary Kit
- C. Application Program Kit
- D. Application Packaging Kit

50. Which of the following is not an Android component (i.e. a point from which the system can enter your application)?

- A. Service
- B. Activity
- C. Layout
- D. Content Provider

51. During an Activity life-cycle, what is the first callback method invoked by the system?

- A. onStop()
- B. onStart()
- C. onCreate()
- D. onRestore()

52. Which configuration file holds the permission to use the internet?

- A. Layout file
- B. Property file
- C. Java source file
- D. Manifest file

53. Which of the following is NOT a valid usage for Intents?

- A. Activate and Activity
- B. Activate a Service
- C. Activate a Broadcast receiver
- D. Activate a SQLite DB Connection

54. Which of the following is not a valid Android resource file name?

- A. mylayout.xml
- B. myLayout.xml
- C. my_layout.xml
- D. mylayout1.xml

55. Which of these is not defined as a process state?

- A. Non-visible
- B. Visible
- C. Foreground
- D. Background

56. What is the name of the folder that contains the R.java file?

- A. src
- B. res
- C. bin
- D. gen

57. What is a correct statement about an XML layout file?

- A. A layout PNG image file
- B. A file used to draw the content of an Activity
- C. A file that contains all application permission information
- D. A file that contains a single activity widget.

58. What is Pending Intent in android?

- A. It is a kind of an intent
- B. It is used to pass the data between activities
- C. It will fire at a future point in time.
- D. None of the Above

59. How many threads are there in async Task in android?

- A. Only one
- B. Two
- C. AsyncTask doesn't have a tread
- D. None of the Above

60. What is a broadcast receiver in android?

- A. It will react to broadcast announcements.
- B. It will do background functionalities as services.
- C. It will pass the data between activities.
- D. None of the Above

61. Which file specifies the minimum required Android SDK version your application supports?

- A. main.xml
- B. R.java
- C. strings.xml
- D. AndroidManifest.xml

62. What is the parent class of all Activity widgets?

- A. ViewGroup
- B. Layout
- C. View
- D. Widget

63. What is the name of the class used by Intent to store additional information?

- A. Extra
- B. Parcelable
- C. Bundle
- D. DataStore

64. Which is not included in the Android application framework?

- A. WindowManager
- B. NotificationManager
- C. DialerManager
- D. PackageManager

65. You can create a custom view by extending class Activity.

- A. True
- B. False

66. Which of these files contains text values that you can use in your application?

- A. AndroidManifest.xml
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- C. res/layout/Main.xml
- D. res/values/strings.xml

67. What does the Android project folder “res/” contain?

- A. Java Activity classes
- B. Resource files
- C. Java source code
- D. Libraries

68. Which of the following is not an activity lifecycle call-back method?

- A. onStart
- B. onCreate
- C. onPause
- D. onBackPressed

69. What is a context in android ?

- A. It is an interface to store global information about an application
- B. It is used to create new components.
- C. Android has two contexts, those are getContext() and getApplicationContext()
- D. All of Above
- E. None of Above

70. How to get a response from an activity in Android?

- A. startActivityToResult()
- B. startActiivtyForResult()
- C. Bundle()
- D. None of the above

71. Which of the following Activity life-cycle methods is called once the activity is no longer visible?

- A. onStop
- B. onPause
- C. onDestroy
- D. onHide

72. Which of the following is a correct Android Manifest statement?

- A. <uses-permission android:name =”android.Internet”/>
- B. <uses-permission android:name =”android.Internet”></uses-permission>
- C. <uses-permission android:name =”android.permission.Internet”>
- D. <uses-permission android:name =”android. permission .Internet”/>

73. Fragment in Android can be found through

- A. findById()
- B. findFragmentByID()
- C. getContext.findFragmentByID()
- D. .FragmentManager.findFragmentByID()

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- A. Intent
- B. Content Provider
- C. Broadcast receiver
- D. None of the Above

75. Javascript is enabled by default in a WebView

- A. True
- B. False

76. When using an implicit intent, what process does the system use to know what to do with it?

- A. Intent resolution
- B. Intent declaration
- C. Intent overloading

D. Intent transition

77. The DalvikVM core libraries are a subset of which of the following?

A. Java ME

B. Java SE

C. Java EE

D. JAX-WS

78. Which is the correct explanation of ListView?

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B. You cannot use a ListView when there is no information to be displayed.

C. When displaying a list of Strings using an ArrayAdapter class in ListView, you must save the value in an ArrayList..

D. ListView has a function to display a list of uniquely defined Views other than TextView.

Chapter (1-5)

1. Android Web Browser is Based On

A. Chrome

B. Open-source Webkit

C. Safari

D. Firefox

2. Which media format is not supported by Android

A. MP4

B. AVI

C. MIDI

D. MPEG

3. Which code used by android is not an open source.

A. Video Driver

B. WiFi Driver

C. Device Driver

D. Bluetooth Driver

4. How many levels of securities are in Android?

A. Android level security

B. App and Kernel level security

C. Java level security

D. None of the above

5. What is the Manifest.xml in Android?

A. It has the information about layout in an application

B. It has all the information about an application

C. It has the information about activities in an application

D. None of the Above

6. What is the name of the program that converts java byte code onto Dalvik byte code?

A. Dex compiler

B. Dalvik Converter

C. Android Interpretive Compiler (AIC)

D. Mobile Interpretive Compiler (MIC)

7. Under which of the following Android is licensed?

A. OSS

B. Sourceforge

C. Apache/MIT

D. None of the above

8. Which of the following is the first mobile phone released that ran the Android OS?

A. HTC Hero

B. Google gPhone

C. T-Mobile G1

D. None

9. On which of the following, developers can test the application, during developing the android applications?

A. Third-party emulators

B. Emulators included in Android SDK

C. Physical Android phone

D. All the Above.

10. Does android support other languages than java?

A. Yes

B. No

C. May be

D. None of the above

11. OHA in android stands for -

A. Open Health Academy

B. Open Handset Alliance

- C. Open Handset Application
- D. Open Handset Association

12. In which of the following tab an error is shown?

- A. CPU
- B. Memory
- C. ADB Logs
- D. Logcat**

13. How to fix crash using log cat in android?

- A. Gmail
- B. log cat contains the exception name along with the line number**
- C. Google search
- D. None of the above

14. What is sandbox in android?

- A. Android Box
- B. Each application runs securely in sandbox without interrupting another process**
- C. Android development tool kit
- D. None of the above

15. Which file specifies the minimum required Android SDK version your application supports?

- A. main.xml
- B. R.java
- C. strings.xml
- D. AndroidManifest.xml**

16. Which is not included in the Android application framework?

- A. WindowManager
- B. NotificationManager
- C. DialerManager**
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- C. Android has two contexts, those are getContext() and getApplicationContext()
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- E. None of Above

18. The DalvikVM core libraries are a subset of which of the following?

- A. Java ME
- B. Java SE**
- C. Java EE
- D. JAX-WS

Chapter (6-10)

1. Which of the following does not belong to transitions?

- A. ViewFilpper
- B. VlewAnimator
- C. ViewSwitcher
- D. ViewSlider**

2.View pager is used for

- A. Swiping Activities
- B. Swiping Fragments**
- C. Paging Down List Items
- D. View pager is not supported by android SDK

3.Action bar can be associated to

- A. Only Fragments
- B. Only Activities**
- C. Both Activities and Fragments
- D. None of the Above

4. What is an interface in android?

- A. Interface is a class
- B. Interface acts as a bridge between class and the outside world.**
- C. Interface is a layout file
- D. All the above

5. Which of the following method is used to handle what happens after clicking a button?

- A. onClick**
- B. onCreate
- C. onSelect
- D. None of the above

6. Which of the following class in android displays information for a short period of time and disappears after some time?

- A. toast class**
- B. log class
- D. maketest class
- D. None of the above

7. Which of the following method in android is used to log debug messages?

- A. Log.r()
- B. Log.R()

C. Log.d()

D. Log.D()

8. ANR in android stands for -

A. Application Not Reacting

B. Application Not Responding

C. Application Not Rendering

D. None of the above

9. All layout classes are the subclasses of -

A. android.view.View

B. android.view.ViewGroup

C. android.widget

D. None of the above

10. Which of the following layout in android arranges its children into rows and columns?

A. RelativeLayout

B. TabLayout

C. FrameLayout

D. None of the above

11. What is the default value of the orientation attribute in LinearLayout?

A. Horizontal

B. Vertical

C. No default orientation value.

D. Both A and B

12. The XML file that contains all the text that your application uses

A. stack.xml

B. text.xml

C. strings.xml

D. string.java

13. Creating a UI (User Interface) in Android requires careful use of

A. Java and SQ

B. XML and Java

C. XML and C++

D. Dreamweaver

14. Which is a correct statement about an XML layout file of the following?

A. A file that is used to draw the content of an Activity

B. A layout PNG image file

C. Both A & B

D. A file that contains all application permission information

15. Which folder that contains the R.java file of the following?

- A. res
- B. src
- C. Both B & D
- D. bin
- E. gen

16. Which of these are not one of the three main components of the APK?

- A. Webkit
- B. Native libraries
- C. Resources
- D. Dalvik Executable

17. What does APK stands for

- A. Android Package
- B. Android Proprietary Kit
- C. Application Program Kit
- D. Application Packaging Kit

18. Which of the following is not an Android component (i.e., a point from which the system can enter your application)?

- A. Service
- B. Activity
- C. Layout
- D. Content Provider

19. Which of the following is not a valid Android resource file name?

- A. mylayout.xml
- B. myLayout.xml
- C. my_layout.xml
- D. mylayout1.xml

20. Which of these files contains text values that you can use in your application?

- A. AndroidManifest.xml
- B. res/Text.xml
- C. res/layout/Main.xml
- D. res/values/strings.xml

21. What does the Android project folder “res/” contain?

- A. Java Activity classes
- B. Resource files
- C. Java source code
- D. Libraries

Chapter (11-15)

1. How can we stop the services in android?

- A. By using the stopSelf() and stopService() method**
- B. By using the finish() method
- C. By using the system.exit() method
- D. None of the above

2. What is an activity in android?

- A. Android class
- B. Android package
- C. A single screen in an application with supporting java code**
- D. None of the above

3. Which of the following is the first callback method that is invoked by the system during an activity life-cycle?

- A. onClick() method
- B. onCreate() method**
- C. onStart() method
- D. onRestart() method

4. Which of the following android component displays the part of an activity on screen?

- A. View
- B. Manifest
- C. Intent
- D. Fragment**

5. Which of the following is the parent class of Activity?

- A. Context
- B. Object
- C. ContextThemeWrapper**
- D. None of the above

6. Which of the following is not a state in the service lifecycle?

- A. Destroyed
- B. Start
- C. Paused**
- D. Running

7. Which of the following is the built-in database of Android?

- A. SQLite**
- B. MySQL

- C. Oracle
- D. None of the above

8. Which is not an Android component of the following?

- A. Layout
- B. Service
- C. Activity
- D. Both A & C

9. What method you should override to use Android menu system?

- A. onCreateOptionsMenu()
- B. onCreateOptionsMenu()
- C. onCreateOptionsMenu()
- D. onCreateContextMenu()

10. Which class store additional information?

- A. Bundle
- B. Data store
- C. Extra
- D. None of these

11. What Activity method you use to retrieve a reference to an Android view by using the id attribute of a resource XML?

- A. findViewByIdReference(int id)
- B. findViewById(int id)
- C. retrieveResourceById(int id)
- D. findViewById(String id)

12. Which one of the following belong to Parent Class of activity?

- A. Context Theme Wrapper
- B. Activity Group
- C. Context
- D. Object

13. During an Activity life-cycle, what is the first callback method invoked by the system?

- A. onStop()
- B. onStart()
- C. onCreate()
- D. onRestore()

14. Which of the following is NOT a valid usage for Intents?

- A. Activate and Activity
- B. Activate a Service
- C. Activate a Broadcast receiver
- D. Activate a SQLite DB Connection

15. What is a correct statement about an XML layout file?
- A. A layout PNG image file
 - B. A file used to draw the content of an Activity**
 - C. A file that contains all application permission information
 - D. A file that contains a single activity widget.
16. What is Pending Intent in android?
- A. It is a kind of an intent
 - B. It is used to pass the data between activities
 - C. It will fire at a future point in time.**
 - D. None of the Above
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- A. It will react to broadcast announcements.**
 - B. It will do background functionalities as services.
 - C. It will pass the data between activities.
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18. What is the parent class of all Activity widgets?
- A. ViewGroup
 - B. Layout
 - C. View**
 - D. Widget
19. What is the name of the class used by Intent to store additional information?
- A. Extra
 - B. Parcelable
 - C. Bundle**
 - D. DataStore
20. You can create a custom view by extending class Activity.
- A. True
 - B. False**
21. Which of the following is not an activity lifecycle call-back method?
- A. onStart
 - B. onCreate
 - C. onPause
 - D. onBackPressed**
22. How to get a response from an activity in Android?
- A. startActivityToResult()
 - B. startActivityForResult()**
 - C. Bundle()

D. None of the above

23. Which of the following Activity life-cycle methods is called once the activity is no longer visible?

- A. **onStop**
- B. onPause
- C. onDestroy
- D. onHide

24. Fragment in Android can be found through

- A. findById()
- B. findFragmentById()
- C. getContext.findFragmentById()
- D. **FragmentManager.findFragmentById()**

25. How to pass the data between activities in Android?

- A. **Intent**
- B. Content Provider
- C. Broadcast receiver
- D. None of the Above

26. When using an implicit intent, what process does the system use to know what to do with it?

- A. **Intent resolution**
- B. Intent declaration
- C. Intent overloading
- D. Intent transition

27. A type of service provided by android that shows messages and alerts to user is

- A. Content Providers
- B. View System
- C. **Notifications Manager**
- D. Activity Manager

28. The broadcast that includes the information about the battery state, level, etc. is

- A. **android.intent.action.BATTERY_CHANGED**
- B. android.intent.action.BATTERY_LOW
- C. android.intent.action.BATTERY_OKAY
- D. android.intent.action.CALL_BUTTON

29. One of the application components, that manages application's background services is called

- A. Activities
- B. Broadcast Receivers
- C. **Services**
- D. Content Providers

30. In android studio, the callback that is called when activity interaction with user is started is

- A. onStart
- B. onStop
- C. onResume
- D. onDestroy

31. A type of service provided by android that allows sharing and publishing of data to other applications is

- A. View System
- B. Content Providers
- C. Activity Manager
- D. Notifications Manager

32. Broadcast of call to someone targeted by the data is

- A. android.intent.action.BUG_REPORT
- B. android.intent.action.CALL
- C. android.intent.action.REBOOT
- D. android.intent.action.BATTERY_CHANGED

33. The once broadcast after system boot finished is

- A. android.intent.action.BATTERY_OKAY
- B. android.intent.action.REBOOT
- C. android.intent.action.BOOT_COMPLETED
- D. android.intent.action.BUG_REPORT

34. In android studio, a service that is started and cannot be stopped even the calling activity is destroyed is

- A. startService()
- B. onStop()
- C. onDestroy()
- D. bindService()

Chapter (16-20)

1. What does AAPT stand for ?
 - A. Android Asset Processing Tool.
 - B. Android Asset Providing Tool.
 - C. Android Asset Packaging Tool.**
 - D. Android Asset Processing Technique.

2. What is the use of content provider in Android?
 - A. For storing the data in the database
 - B. For sharing the data between applications
 - C. For sending the data from an application to another application**
 - D. None of the above

3. In android application Which file holds to use the internet_____.
 - A. create file
 - B. Manifest file**
 - C. system file
 - D. None of these

4. Which configuration file holds the permission to use the internet?
 - A. Layout file
 - B. Property file
 - C. Java source file
 - D. Manifest file**

5. Which of these is not defined as a process state?
 - A. Non-visible**
 - B. Visible
 - C. Foreground
 - D. Background

6. How many threads are there in async Task in android?
 - A. Only one**
 - B. Two
 - C. AsyncTask doesn't have a thread
 - D. None of the Above

7. Javascript is enabled by default in a WebView
 - A. True
 - B. False**

8. In which technique we can refresh the dynamic content in Android?
 - A. Ajax**
 - B. Java
 - C. Android
 - D. None of the above

9. Which is the correct explanation of ListView?

- A. It is necessary to use ListView as a set with ListActivity.
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2. Which is not an Android component of the following?

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Q1. What method you should override to use Android menu system?

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a. onStart

b. onCreate

c. onPause

d. onBackPressed

What is the HTTP response error code status in android?

A. status code < 100

B. status code > 100

C. status >= 400

D. None of the above

Q24. Which method is used to close an activity?

a. Destroy()

b. Finish()

c. Stop()

d. Close()

Q25. Which of the following Activity life-cycle methods is called once the activity is no longer visible?

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