



- a) SyncTask  
c) Both of these
- (ix) Choose which of the following layout in android arranges its children into rows and columns?  
a) RelativeLayout  
c) FrameLayout
- (x) What is the default value of the orientation attribute in LinearLayout?  
a) Horizontal  
c) There is no default value of orientation attribute in LinearLayout
- (xi) What is the nine-patch images tool in android?  
a) It is an image extension tool.  
c) Both It is an image extension tool and It is used to change the bitmap images into nine sections
- (xii) Which one is NOT related to fragment class?  
a) DialogFragment  
c) PreferenceFragment
- (xiii) Choose what was Google\'s main business motivation for supporting Android?  
a) To level the playing field for mobile devices  
c) To corner the mobile device application market for licensing purposes
- (xiv) The android library that make use of access the UI pre-built elements such as buttons, lists, views etc. is  
a) android.text  
c) android.view
- (xv) In the TCP/IP protocol suite, select which one of the following is NOT part of the IP header?  
a) Destination port number  
c) Source IP address
- b) AsyncTask  
d) None of the these
- b) TableLayout  
d) None of the these
- b) Vertical  
d) None of the these
- b) It is used to change the bitmap images into nine sections  
d) None of the these
- b) ListFragment  
d) CursorFragment
- b) To directly compete with the iPhone  
d) To allow them to advertise more
- b) android.os  
d) android.webkit
- b) Destination IP address  
d) Fragment Offset

### Group-B

(Short Answer Type Questions)

3 x 5=15

2. State the steps of deploying APK Files (3)
3. Write a short note on WIFI and WIMAX. (3)
4. Briefly explain the Menu in android. (3)
5. Briefly explain about BroadCast Receiver with Example. (3)
6. What is a notification and discover how to create and set notifications? (3)

OR

Explain how to create a service using Java code. (3)

### Group-C

(Long Answer Type Questions)

5 x 6=30

7. Which are the different types of Menus? (5)
8. Explain which components are necessary for a New Android project? (5)
9. Explain that the mobile backend is as secure as the app itself? (5)
10. Explain Android Architecture briefly. (5)
11. Explain best practices to keep the user data secure? (5)
12. Write a program to discover a popup notification using Toast. (5)

**OR**

**Explain different types of Intents along with their usage.**

**(5)**

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