Q.6 What is R.java file ?
Ans. Android R.java is *an auto-generated file by aapt* (Android Asset Packaging Tool) that contains resource IDs for all the resources of res/ directory.

Q.7 What is activity and activity lifecycle ?
Ans. An activity is the single screen in android. It is like window or frame of Java.By the help of activity, you can place all your UI components or widgets in a single screen.

The 7 lifecycle method of Activity describes how activity will behave at different states.

1. On create
2. On Start
3. On Resume
4. On Pause
5. On Stope
6. On Restart
7. On Destroye

Q.8 What is fragment and fragment lifecycle ?
Ans. Android Fragment is the part of activity, it is also known as sub-activity. There can be more than one fragment in an activity. Fragments represent multiple screen inside one activity.
Android fragment lifecycle is affected by activity lifecycle because fragments are included in activity.
Each fragment has its own life cycle methods that is affected by activity life cycle because fragments are embedded in activity.