

<b>Q1.</b>	<b>Choose the correct option for the following questions. All the questions are compulsory and carry equal marks (40 Marks)</b>
1.	Which is topmost layer of Android Architecture?
Option A:	Library
Option B:	Linux Kernel
Option C:	Android Runtime
Option D:	Application
2.	What part of the Android platform is open source?
Option A:	low-level Linux modules
Option B:	native libraries
Option C:	entire stack is an open source
Option D:	application frame work
3.	Android is an operating system and is a stack of software components which is divided into how many Layers?
Option A:	2
Option B:	3
Option C:	4
Option D:	5
4.	When an activity is no longer visible which callback method is called
Option A:	onDestroy()
Option B:	onRestart()
Option C:	onStop()
Option D:	onVisible()
5.	How can one find a Fragment in Android
Option A:	getContext.findFragmentByID()
Option B:	FragmentManager.findFragmentByID()
Option C:	findFragmentByID()
Option D:	findByID()
6.	Which layout depends on position of each element in terms of its parent and the other Views.
Option A:	Linear Layout
Option B:	Frame Layout

Option C:	Table Layout
Option D:	Relative Layout
7.	What is the use of Adapters?
Option A:	To act as a Custom Control
Option B:	Bind data to View Groups
Option C:	To resize the UI
Option D:	To create new Views
8.	Scenario when Activity gets Destroyed
Option A:	User Presses home button
Option B:	User Presses Back Button
Option C:	User Clicks Button to Open Another Activity
Option D:	User does not interact with Activity for too long
9.	If you want to navigate from one activity to another then android provides
Option A:	Object
Option B:	startActivity
Option C:	Intent
Option D:	endActivity
10.	Which of the following Native android action opens the Brouser to perform a web search based on the query supplied using the searchManager.QUERY Key
Option A:	ACTION_CALL
Option B:	ACTION_SEARCH
Option C:	ACTION_WEB_SEARCH
Option D:	ACTION_SEARCH_LONG_PRESS
11.	Suppose that there are two activities in an application named firstActivity and SecondActivity. You want to send website name from activity one to activity two. What code you will write? Suppose that website name is "XYZ.com"
Option A:	<code>Intent intent=new intent(this.secondActivity.class); intent.putExtra("name", "XYZ.com"); startActivity(intent);</code>
Option B:	<code>Intent intent=new intent(this.secondActivity.class); intent.putExtra("XYZ.com"); startActivity(intent);</code>
Option C:	<code>Intent intent=new intent(); intent.putExtra("name", "XYZ.com"); startActivity(intent);</code>
Option D:	<code>Intent intent=new intent(); intent.putExtra("XYZ.com"); startActivity(intent);</code>
12.	How to pass the data between activities in Android?
Option A:	Intent
Option B:	Content Provider
Option C:	Broadcast Receiver
Option D:	Activity
13.	If the developer wants to supply data from one application to other application on

	request, which component should be used?
Option A:	Cursor
Option B:	Content Providers
Option C:	Bundle
Option D:	Broadcast Receivers
14.	The component in Android which works like database
Option A:	Services
Option B:	Activities
Option C:	Content Providers
Option D:	Broadcast Receivers
15.	Which database is built-in with Android Operating System?
Option A:	SQLite
Option B:	Apache
Option C:	MySQL
Option D:	Firebase
16.	How to access the context in android content provider?
Option A:	Using getContext() in onCreate()
Option B:	Using intent()
Option C:	Using getContext() at anywhere in an application
Option D:	Using getthis() in onCreate()
17.	Which is the correct to code to store exam_app data into sharedpreference?
Option A:	SharedPreferences sp = getSharedPreferences("exam_app", Context.MODE_PRIVATE); Editor editor = sp.edit(); editor.putString(Name, "ABC"); editor.putString(Phone, "9000000000"); editor.commit();
Option B:	SharedPreferences sp = getSharedPreferences("exam_app"); SharedPreferences.Editor editor = sp.edit(); editor.putString(Name, "ABC"); editor.putString(Phone, "9000000000"); editor.commit();
Option C:	SharedPreferences sp = getSharedPreferences("exam_app", Context.MODE_PRIVATE); SharedPreferences.Editor editor = sp.edit(); editor.putString(Name, "ABC"); editor.putString(Phone, "9000000000"); editor.commit();
Option D:	SharedPreferences sp = getSharedPreferences("exam_app"); Editor editor = sp.edit(); editor.putString(Name, "ABC"); editor.putString(Phone, "9000000000"); editor.commit
18.	Which class is used to play audio and video files from Internet?
Option A:	MediaParser
Option B:	MediaPlayer
Option C:	MediaExtractor
Option D:	MediaDRM

19.	Which method returns the currently displayed user location?
Option A:	<code>getUserLocation()</code>
Option B:	<code>getMyLocation()</code>
Option C:	<code>getLocation()</code>
Option D:	<code>getUserPosition()</code>
20.	Which method is used to de-allocate the resources allocated to the Media?
Option A:	Free
Option B:	Stop
Option C:	Kill
Option D:	Release

<b>Q2</b>	<b>Solve any Two Questions out of Three</b>	<b>10 marks each</b>
A	What is the use of android libraries and list various libraries used in android?	
B	What is the role of activity in android? Discuss the life cycle of Activity in android.	
C	What is Intent in android? Differentiate between explicit and implicit intent.	

<b>Q3</b>	<b>Solve any Two Questions out of Three</b>	<b>10 marks each</b>
A	Discuss how SQLite is different than other database approaches in android. Write a code in SQLite to fetch data from any table and display on screen using a cursor. (Assume table is already created with sample records in it)	
B	Discuss what type of App we can build using location API in android. Also, explain how to get the current location of the User in Android Apps.	
C	What are the different methods for deploying APK files?	