



UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, July 2020

Course: Open Source Mobile Platform
4th

Course Code: CSOS3001
Programme: OSSOS

Instructions:

Semester:

Time: 3hrs
Max. Marks: 100

MC	In android architecture, layer below System Libraries and Android runtime is (It is also the lowest la Applications	Incorrect	Linux Kernel	Correct	Applications framework	Incorrect	System libraries an	Incorrect
MC	From the documentation of Android, we access the information about new release of SDK and dev Home tab	Incorrect	Dev tab	Incorrect	Blog tab	Correct	SDK tab	Incorrect
MC	_____enables to store the data in a structured manner in Andorid	Incorrect	DB2	Incorrect	SQLite	Correct	Mysql	Incorrect
MC	In android framework following package is used for high performance XML parsing	Incorrect	org.xml.sax	Incorrect	org.w3c.dom	Incorrect	android.*	Incorrect
MC	If you want to increase the whitespace between widgets, you will need to use the _____ p	Correct	Android:padding	Correct	Android:capitalize	Incorrect	Android:autotext	Incorrect
MC	For _____, code used by Android is not a open source	Incorrect	video driver	Incorrect	Wifi driver	Correct	Bluetooth	Incorrect
MC	What is the default layout in android application?	Correct	Relative layout	Incorrect	Constraint layout	Incorrect	Linear layout	Incorrect
MC	Dalvik Debug Monitor Server is integrated in	Correct	Eclipse	Incorrect	Virtual machine	Incorrect	None of these	Incorrect
MC	Which of the following holds Java source code for the application?	Incorrect	res/	Incorrect	assets/	Correct	bin/	Incorrect
MC	In which directory XML files are stored	Incorrect	/asests	Incorrect	/src	Incorrect	/res/values	Correct
MC	When a button is clicked on UI then what method is invoked in MainActivity.java?	Incorrect	setOnClickListener	Correct	OnClickListener	Incorrect	None of the above	Incorrect
MC	How many level of securities are in Android	Incorrect	Android level security	Correct	App and kernel level securit	Correct	Java level security	Incorrect
MC	What are the functionalities in AsyncTask in Android	Incorrect	OnPreExecution()	Correct	OnPostExecute()	Correct	DolnBackground()	Incorrect
MC	An Activity can be shut down by calling which method?	Incorrect	finishActivity()	Correct	finish()	Correct	destroy()	Incorrect
MC	Parent class of Activity	Incorrect	Object	Correct	Context	Incorrect	Activity group	Incorrect
MC	What are the indirect Direct subclasses of Activity?	Incorrect	LauncherActivity	Correct	PreferenceActivity	Incorrect	TabActivity	Correct
MC	Parent class of Service	Incorrect	Object	Correct	Context	Incorrect	ContextWrapper	Correct
MC	Which component is not activated by an Intent?	Incorrect	Activity	Correct	Services	Incorrect	ContentProvider	Correct
MC	You can shut down an activity by calling its _____ method	Incorrect	onDestroy()	Correct	finishActivity()	Correct	finish()	Correct
MC	If you want share the data across the all applications ,you should go for?	Incorrect	Shared Preferences	Correct	Internal Storage	Incorrect	SQLiteDatabase	Incorrect
MC	What key loops when monitoring an activity?	Incorrect	Entirelife time	Correct	visible lifetime	Incorrect	foreground lifetime	Correct
MC	Creating a user interface (UI) with the help of _____?	Incorrect	Java and SQL	Correct	Dreamweaver	Incorrect	XML and C++	Correct
MC	When Activity is not focus, but still visible on the screen it is in?	Incorrect	running state	Correct	paused state	Correct	stopped state	Incorrect
MC	Which of the following is not a state in the lifecycle of a service?	Incorrect	Starting	Correct	Running	Incorrect	Destroyed	Correct
MC	When an Activity does not exist in memory it is in	Correct	Starting state	Correct	Running state	Incorrect	Loading state	Incorrect
MC	What runs in the background and does not have and UI components	Incorrect	Intents	Correct	Content providers	Correct	Services	Correct
MC	Which of the following is the most "resource hungry" part of dealing with Activities in Android?	Incorrect	Closing and APP	Correct	Suspending and APP	Incorrect	Opening a new APP	Correct
MC	The XML file that contains all the text that your application uses	Incorrect	stack.xml	Correct	text.xml	Incorrect	strings.xml	Correct
MC	What is driving force behind an Android application and that ultimately gets converted into a Dalvik	Correct	Java source code	Correct	R-file	Incorrect	the emulator	Incorrect
MC	The _____file specifies the layout screen	Correct	Layout file	Correct	Manifest file	Incorrect	Strings XML	Incorrect
MC	What is contained within Manifest XML file	Correct	APP Permission	Correct	Strings for APP	Incorrect	Source code	Incorrect
MC	What is use of Gradle	Correct	Support java file	Correct	support APK file	Correct	Support XML file	Incorrect
MC	What is an activity?	Incorrect	adroid packages	Correct	android class	Incorrect	Android functions	Incorrect
MC	What is the name of the program that converts Java byte code in Dalvik byte code	Incorrect	Andoid Interpretive Coi	Correct	Dalvik convertor	Incorrect	Dex compiler	Correct
MC	The R file is an generated file	Correct	Automatically	Correct	manually	Incorrect	Emulated	Incorrect
MC	What is Intents?	Incorrect	sent messages among r	Correct	Trigger activites being, servi	Incorrect	are asynchronous	Correct
MC	What are the components of Android?	Incorrect	Activity, Intent	Correct	Services	Incorrect	Broacast receiver	Correct
MC	Android System assigns a unique Id that is called	Correct	Linux user ID	Correct	Google user ID	Incorrect	Mac user ID	Incorrect
MC	In _____, sender specifies type of receiver	Correct	Implicit Intent	Correct	Explicit Intent	Incorrect	both	Correct
MC	To update contents of content provider using curser and commit you need to call	Correct	commitUpdates()	Correct	updates()	Incorrect	commit()	Incorrect
MC	Which one is correct sequence of activity lifecycle ?	Incorrect	onCreate(),onStart(), o	Correct	onCreate(),onStart(), onRes	Correct	Both	Incorrect
MC	Which of the following Dialog boxes are supported by Android? 1) AlertDialog 2) ProgressDialog 3) 1 and 2	Incorrect	1 and 2	Correct	3 and 4	Incorrect	All of above	Correct
MC	Using a content provider, which of the following operations are able to perform? 1) create 2) read 3) 1,2,3	Incorrect	Services	Correct	2,3,4	Incorrect	All of above	Correct
MC	Which of the following don't have any UI component and run as a background process?	Correct	Services	Correct	Simulator	Incorrect	Emulator	Incorrect
MC	insert data into a content provider, you need to use _____ 1) insert() 2) bulkInsert() 3) getContentf 1 and 2	Correct	2 and 4	Correct	2 and 4	Incorrect	All of above	Correct
MC	Which of the following are different storage methods available in Android? 1) Shared Preferences 2 1,2,3,4,6	Incorrect	2,3,4,5,6	Correct	2,3,4,5,6	Incorrect	1,2,3,4,5	Correct
MC	What is an anonymous class in android?	Incorrect	Interface Class	Correct	A class that does not have a	Correct	Java class	Incorrect
MC	What are return types of startActivityForResult() in android?	Incorrect	RESULT_OK	Correct	RESULT_CANCEL	Incorrect	RESULT_CRASH	Correct

MC	When is the onStop() method invoked?	Activity is no longer available	Correct	Activity is available for short time	Incorrect	Both	Incorrect	None of these	Incorrect
MC	How many threads can a process contain?	1	Incorrect	2	Incorrect	multiple	Correct	None of these	Incorrect
MC	How can Thread go from waiting to runnable state?	notify/notify all	Incorrect	when sleep time is up	Incorrect	Using resume() method when thread is waiting	Incorrect	All the above	Correct
MC	What is difference between starting thread with run() and start() method?	There is no difference	Incorrect	Run() method is internal method	Correct	run() calls start() method internally	Incorrect	None of these	Incorrect
MC	Which method restarts the thread?	start()	Incorrect	restart()	Incorrect	restartThread()	Incorrect	None	Correct
MC	Specify which permission is used for Google map in the AndroidManifest.xml?	Usemap	Incorrect	Internet	Correct	USE_GOOGLE_MAP	Incorrect	None of the above	Incorrect
MC	How will you add marker on map?	Directly use Draw()	Incorrect	You can add marker on the map	Incorrect	Override draw() by implementing	Correct	None of the above	Incorrect
MC	In android application design which class is used to access system location services?	Location Manager	Correct	Object	Incorrect	GoogleManager	Incorrect	None of the above	Incorrect
MC	If you know the address of a location but want to know its latitude and longitude, then which class is used?	Geocoder	Correct	Location	Incorrect	MapViewLocation	Incorrect	None of the above	Incorrect
MC	In which area SQLite works well?	Application file format	Incorrect	Data Analysis	Incorrect	Websites	Incorrect	All the above	Correct
MC	What is the maximum size of a VARCHAR in SQLite?	100 million character	Incorrect	500 million character	Incorrect	1000 million character	Incorrect	None of the above	Correct
MC	In android studio, the callback that is when the activity is no longer visible is ___?	onDestroy	Incorrect	onStop	Correct	onRestart	Incorrect	onResume	Incorrect