

АНДРОЙД программчлалын хөтөлбөр

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№	Contents	20	22	25	27	29	1	3	5
		Лхагва	Баасан	Даваа	Лхагва	Баасан	Даваа	Лхагва	Баасан
		17:00-20:00	14:00-18:00	17:00-20:00	17:00-20:00	14:00-18:00	17:00-20:00	17:00-20:00	14:00-18:00
1	Introduction to Android What is Android? , Setting up development environment Dalvik Virtual Machine & .apk file extension								
2	Application Structure AndroidManifest.xml uses-permission & uses-sdk Resources & R.java o Assets Layouts & Drawable Resources Activities and Activity lifecycle First sample Application								
3	Emulator-Android Virtual Device Launching emulator Editing emulator settings o Emulator shortcuts Logcat usage Introduction to DDMS Second App:- (switching between activities) - Develop an app for demonstrating the communication between Intents								
4	Basic UI design Form widgets Text Fields Layouts [dip, dp, sip, sp] versus px Examples								
5	Menu Option menu Context menu Sub menu menu from xml menu via code Examples								
6	Intents Explicit Intents , Implicit intents, Examples								
7	UI design Time and Date Images and media Composite AlertDialogs& Toast								

		Popup Examples							
8	Content Providers	SQLite Programming SQLiteOpenHelper SQLiteDatabase Cursor Shared preference Internet							
9	Adapters and Widgtes	Adapters:- ArrayAdapters BaseAdapters ListView and ListActivity Custom listview GridView using adapters Gallery using adapters							
10	Notifications	Broadcast Receivers Services and notifications Toast Alarms							
11	Threads	Threads running on UI thread (runOnUiThread) Worker thread Handlers & Runnable AsynTask (in detail)							
12	Effective navigation & Fragment	Single pane, Multi pane Tab host ViewPager swipe Navigation drawer Action bar							
13	Animation & Touch screen	Frame by frame animation Tweened animation Animation Set Animating layouts and View Groups Using touch screen							
14	Advanced	Live Folders Using sdcards XML Parsing JSON Parsing Maps, GPS, Location based Services Accessing Phone services (Call, SMS, MMS) Network connectivity services Sensors							
15	Final exam								