

April - 2016

B.Sc. (I.T.) Semester – VI

Paper No. 602: Mobile Application Development Using ANDROID

Time: 2 ½ Hours

Total Marks: 70

- Q.1 (a) Write short note on R.Java file and also give overview of Android SDK. [7]
(b) What is Android Platform? Explain its architecture in details. [7]

OR

- Q.1 (a) What do you mean by Activity? Explain in details with suitable example. [7]
(b) How to set permission in Android Manifest file? Explain it with different examples. [7]
Q.2 (a) Explain different layouts available in Android. [7]
(b) Explain Checkbox & Radio button with property, methods and examples. [7]

OR

- Q.2 (a) Create an Android project with two activities. In the first activity, add one EditText and button control and when button is pressed after data entry in EditText, it should open second activity and displays EditText content in second Activity in Textview control. [7]
(b) How to create different types of Menu in Android? Explain with examples. [7]
Q.3 (a) Explain different methods for drawing various shapes with example. [7]
(b) What is an Animation? Explain frame by frame animation in Android. [7]

OR

- Q.3 (a) Write an Android application which gives different effect on image like rotation & movement. [7]
(b) Write short note on built in layout classes. [7]
Q.4 (a) Explain SQLiteDatabase in Android in details with example. [7]
(b) Write an Android application which accept empid,empname,mobile,dept and perform save, display,delete and modify operations using SQLiteDatabase. [7]

OR

- Q.4 (a) Write detail short note on Content Providers with at least two built in types. [7]
(b) Write an Android application of student marksheet using SQLiteDatabase which store students marksheet records and then it can view, modify & delete. [7]
Q.5 (a) How to load any website in Android application? Explain a suitable control with example [7]
(b) Explain Android NDK in details. [7]

OR

- Q.5 (a) Create an Android application which sends SMS with user interface and code. [7]
(b) Create an Android application which makes or receives a call on mobile. [7]
