

B.Sc. (IT)-Sem-VI Examination

Oct - 2015

602-MOBILE APPLICATION DEVELOPMENT USING ANDROID

Time: 02:30

Total Marks: 70

Q-1

- A) What is Activity? Explain Activity life cycle. 07
 B) Explain Android Manifest File and its structure 07

OR

Q-1

- A) What is Android Platform? Discuss various layers of Android Platform architecture in detail with diagram. 07
 B) Explain the use of following helpful methods of Android.util.Log class 07
 a. Log.e()
 b. Log.w()
 c. Log.i()
 d. Log.d()
 e. Log.v()

Q-2

- A) How many types of Menu are available in Android SDK? Explain each in detail. 07
 B) Write a program of Android application that takes two buttons named as "Activity-1" and "Activity-2" when clicking on them transfer the activity based on the button name. 07

OR

Q-2

- A) Explain different types of Dialogs in Android 07
 B) Explain Textview and its associated methods. 07

Q-3

- A) Explain Animation in detail 07
 B) Write a program to create an Android application to rotate an image using Animation. 07

OR

Q-3

- A) Explain Shapes in Android and its method in detail 07
 B) Explain the steps involved in frame by frame animation. 07

Q-4

- A) What do you mean by Android's Content Providers? List Out the Useful Built-In Content Providers and explain any two of them. 07
 B) Write a program to take two values Rollno and Name from user using EditText and perform following function using SQLiteDatabase
 1) Insert 2) Update 3) Delete and 4) Display 07

OR

Q-4

- A) Explain SQLiteDatabase Class and its method. 07
 B) Explain File in detail with its method 07

Q-5

- A) What is the full form of NDK and explain NDK in detail 07
 B) Write an Android application to send SMS from one emulator to another. 07

OR

Q-5

- A) Define the steps of making and receiving phone calls 07
 B) Explain the use of Web View control to load content from a specific website. 07