

Exam No: _____

GANPAT UNIVERSITY

B.Tech. (CE/IT) Sem-V CBCS Regular Exam Nov-Dec 2012
2IT506/2CE506-Mobile Application Development

Time: 3 Hours]

Instructions:

[Total Marks: 70

- 1. Attempt all questions.**
- 2. Figures to the right indicate full marks**
- 3. Each section should be written in a separate answer book**

Section 1

- Q-1**
- A** How to Obtain Google Map Key. 4
 - B** How to get MD5 fingerprint. 4
 - C** Write a code to Show Location by passing Latitude and Longitude and Display Zooming Controls. 4
- OR**
- Q-1**
- A** How Important Resource Types (Strings, Arrays of Strings, Booleans, Colors, Integers, Frame-by- Frame Animations).How to Store in Android Project Resource Directories. 4
 - B** How to create Layouts Programmatically. What is a use of <activity> tag and <intent-filter> tag? 4
 - C** Explain the following color formats. 4
a. #RGB b. #ARGB c. #RRGGBB d. #AARRGGBB
- Q-2**
- A** Write a code to create animation given as below: 6
Duration for animation is 5000.
Take one rectangle (set it in to ImageView as src)
Now translate it in X direction with rotation.
 - B** Explain different types of Dialogs. 5
- OR**
- Q-2**
- A** How to use Integer, Boolean, String Arrays Resources? 6
A) Using XML B) Using Programmatically.
 - B** Explain Dimension Unit (Pixels, Inches, Millimeters, Points, Screen Density) Measurements with Description, Unit and Example. 5
- Q-3**
- A** Write A XML code for Scaling and Translate of Image. 4
 - B** Write a code for login module that Check username and password and On successful login it goes to next screen. 8

SECTION -II

- Q-4
- A What is an Android? Explain the Android platform architecture. 4
 - B Advantage of DVM over JVM for Android application. 4
 - C What is an Android Emulator? Explain in Detail with version name. 4
- OR
- Q-4
- A How to build your first Android application with complete set of Android features? 4
 - B How to deleting and closing the SQLite Database? 4
 - C Explain the Android activity lifecycle. 4
- Q-5
- A Explain the various methods and their purpose for android.content.SharedPreferences.Editor Methods. 5
 - B What is Intent? Explain the intent with their types. 3
 - C Explain the PDU regarding SMS system in Android application. 3
- OR
- Q-5
- A How to Making and Receiving phone calls in android application? 5
 - B What is the difference between sent message and delivered message in SMS system? How to set PendingIntent object and BroadcastReceiver object for sending an SMS in android application. 3
 - C What is content provider? Give the name of various providers with their pu:pose. 3
- Q-6
- A Write down the code for Receiving an SMS in Android application. 5
 - B Write down the code for retrieves the activity's private preferences, adds a long preferences called SomeLong, and saves the changes. 5
 - C Explain the various states for android activity. 2

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