

**I M.Tech - II Semester - Regular Examinations – AUGUST 2018**

**MOBILE APPLICATION DEVELOPMENT  
(COMPUTER SCIENCE & ENGINEERING)**

Duration: 3 hours

Max. Marks: 60

Answer the following questions:

1. a) Compare the Android and other platforms. 8 M  
b) Explain the Android Emulator. 7 M  
(OR)
2. a) Write the steps of installing android SDK components. 8 M  
b) Explain the Role of Java. 7 M
3. a) Compare Android programming model vs. traditional programming models. 8 M  
b) Explain the Activity life cycle. 7 M  
(OR)
4. a) Illustrate the intents and tasks. 7 M  
b) Explain the Manifest File. 8 M

5. a) Explain the Linear & Relative Layouts in Android. 8 M
- b) Explain the fragments and layout. 7 M
- (OR)
6. a) Write about Drawable Resources. 8 M
- b) Draw the Fragment Life cycle. 7 M
7. a) What is file management and explain detail. 8 M
- b) Briefly explain about SQLite Database. 7 M
- (OR)
8. a) Compare the SQL and database centric Data model for android application. 7 M
- b) Explain about sample content provider. 8 M