

Code: CS7T2

**IV B.Tech - I Semester – Regular/Supplementary Examinations
October - 2018**

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

Duration: 3 hours

Max. Marks: 70

PART – A

Answer *all* the questions. All questions carry equal marks

11 x 2 = 22 M

1.

- a) List any two differences between Android and other mobile platforms.
- b) Define the Android application Intents and Tasks.
- c) Define runtime environment of the R.File.
- d) Explain Linear Layout.
- e) Any two differences in Linear Layout and Table Layout?
- f) Define CONTENT_URI.
- g) Define file management and Binary data.
- h) Define a content provider.
- i) What is SQLite?
- j) What is .apk file?
- k) Give two examples of demonstrate fragments?

PART – B

Answer any **THREE** questions. All questions carry equal marks.

3 x 16 = 48 M

2. a) Explain about Android Emulator and give an example program. 8 M
- b) Explain about client side Java as an Android. 8 M
3. a) Discuss with Android application Runtime Environment Activity Life Cycle. 12 M
- b) List out static application Manifest. 4 M
4. a) Design simple arithmetic calculator application using common widgets. 10 M
- b) Write Short notes on drawable resources. 6 M
5. a) Explain in detail Implementation of content providers. 8 M
- b) Briefly discuss about Fragment Life Cycle. 8 M
6. a) Explain in detail SQL and the database centric data model for Android application. 12 M
- b) Explain different Android Database classes. 4 M