

R15

Code No: 825AA

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

MCA V Semester Examinations, October/ November - 2020

ANDROID APPLICATION DEVELOPMENT

Time: 2 Hours

Max. Marks: 75

Answer any five questions
All questions carry equal marks

- 1.a) Describe the features of Android operating system.
- b) Explain the layouts in android operating system. [7+8]
2. Explain the following things in the context of android device: Screen size, Screen density, Orientation, Resolution, Density-independent pixel (dp). [15]
- 3.a) With an example explain creating and displaying of notifications.
- b) Explain how to configure intent-filter in AndroidManifest.xml file with example? [7+8]
- 4.a) Explain with a suitable example, how local broadcast system works in Android.
- b) Explain the preference framework and the preference activity. [7+8]
5. Describe the process of finding current location and showing location on the map in Android OS. [15]
6. In detail, explain the Android Activity life cycle. [15]
- 7.a) Using an example, explain the optimizing of layouts in android SDK.
- b) Discuss the various user interface (UI) components in Android SDK. [7+8]
- 8.a) To service implicit intents, how are intent filters used?
- b) What is intent resolution? How Android resolves intent filters? [7+8]

---oo0oo---