

Code No: 137AN

R16

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech IV Year I Semester Examinations, March - 2021

ANDROID APPLICATION DEVELOPMENT

(Information Technology)

Time: 3 Hours

Max. Marks: 75

Answer any Five Questions

All Questions Carry Equal Marks

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- 1.a) What is android run time? Explain android virtual device.
- b) Explain android activity life cycle. [8+7]
2. Explain different types of layouts? Develop a simple calculator using table layout. [15]
- 3.a) With a neat sketch explain the life cycle of fragments.
- b) Write a code snippet to create and display toasts. [8+7]
4. Write the code snippet to develop an application to send and receive SMS using intent. (Write ONLY .java and permission tag in Manifest file). [15]
5. Build a GUI for Student table with 5 records, write queries to add delete and view the records from the SQLite databases. [15]
6. Define Intent? Explain the concept of finding and using intents received within an activity? [15]
7. Write a code snippet for listing contents of a directory shared preferences? [15]
8. Write a program to locate user's current location. (Write ONLY .java and manifest file). [15]

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