

R17

Code No: 845AA

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**MCA V Semester Examinations, February - 2022****MOBILE APPLICATION DEVELOPMENT****Time: 3 Hours****Max.Marks:75**

Answer any Five Questions
All Questions Carry Equal Marks

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- 1.a) What is activity? Explain the life cycle of activity.
- b) Explain the creation of Android Virtual device to run program on emulator. [7+8]
2. Write short notes on:
 - a) Android SDK manager
 - b) Types of android applications. [8+7]
- 3.a) What is fragment? Explain states and life cycle of fragment.
- b) Write about Spinner in UI and its adapter. [8+7]
4. Write about Picker component in Android and handle event generated by it with example code. [15]
5. Explain and illustrate with example passing data between activities using intent. [15]
- 6.a) Explain the procedure to design notification in Android.
- b) Write the code to send the data to intent in Android. [7+8]
7. Explain how to insert and delete data using Content provider. [15]
- 8.a) What is the role of GPS in android? Write its features.
- b) Explain the steps to connect internet resource using download manger. [7+8]

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