

Code No: 156BW

R18

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech III Year II Semester Examinations, February/March - 2022

MOBILE APPLICATION DEVELOPMENT

(Common to CSE, IT)

Time: 3 Hours

Max. Marks: 75

Answer any five questions
All questions carry equal marks

1.a) What android has those other platforms don't have? Discuss.
b) Explain 'android application life cycle' in detail. [8+7]

2.a) How to design themes, layouts, and menus in android? Explain.
b) Write about android supported animations in brief. [8+7]

3.a) Write the snippet codes for showing the relative layout and grid layout.
b) Discuss the android widget toolbox in brief. [8+7]

4. Discuss about fragment layout, fragment life cycle, fragment life cycle event handler with sample code. [15]

5. Write short notes on the following.
a) Broadcasting events using Broadcast Intents.
b) Extending application functionality using Intent Filters. [8+7]

6. Write short notes on the following.
a) Monitoring device state changes.
b) Managing manifest Receivers at run time. [8+7]

7. Elaborate "Preference framework and preference activity" with an example snippet. [15]

8. Write short notes on the following.
a) Storing Files in a Content Provider.
b) Querying for Content Asynchronously Using the Cursor Loader. [8+7]

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