R18

Code No: 156BW

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
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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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