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Question Paper Code: 56802

B.E. / B.Tech. DEGREE EXAMINATION, MAY 2018

Sixth Semester

Computer Science and Engineering

15UIT602–MOBILE APPLICATIONS DEVELOPMENT

(Common to Information Technology)

(Regulation 2015)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (5 x 1 = 5 Marks)

1. Which of the following is not a mobile application platform? CO1- R
(a) Android (b) iOS (c) Windows (d) Samsung

2. _____ menu displays a list of items in a vertical list that's anchored to the view that invoked the menu CO2- R
(a) popup menu (b) context menu (c) floating menu (d) options menu

3. Which of the following event in multi touch gestures will be Sent when the last pointer leaves the screen. CO3- R
(a) ACTION_UP (b) ACTION_POINTER_UP
(c) ACTION_MOVE (d) ACTION_POINTER_DOWN

4. SQLite is an open source SQL database that stores data to a _____ format on a device. CO4- R
(a) Table format (b) Text file (c) Node format (d) PDF format

5. _____ class provides methods to play and control the video player CO5- R
- (a) Web View class (b) Object class
- (c) Video View class (d) ABS Seek Bar class

PART – B (5 x 3= 15Marks)

6. Explain the creation of Android Virtual Devices (AVD) to run android program on an emulator. CO1- R
7. Describe the life cycle of an Android Activity with a neat diagram. CO2- R
8. Describe the Grid layout with sample xml code CO3- R
9. Examine the value of implicit intents in Android. CO4- R
10. Identify the Signing and preparing procedure for the release of an android application CO5- R

PART – C (5 x 16= 80Marks)

11. (a) Discuss on any 5 user interfaces in Android studio. CO1- U (16)
- Or
- (b) Reproduce the Android architecture with a neat diagram. CO1- U (16)
12. (a) Develop a simple application that demonstrates layout manager in android. CO2 -App (16)
- Or
- (b) Develop an android menu application that changes the background color on selection of the menu options. CO2- Ana (16)
13. (a) Create a simple application that demonstrates Event handling in android. CO3-C (16)
- Or
- (b) Create an android application that illustrates the pinch recognition. CO3-C (16)

14. (a) Develop a broadcast receiver example for receiving SMS. CO4- Ana (16)
- Or
- (b) Discuss on the content providers of android. CO4- U (16)
15. (a) Create an application in android that captures image and stores it in the gallery. CO5-C (16)
- Or
- (b) Create an application that illustrates the working of Google maps in android. CO5-C (16)

