| Seat No.: | Enrolment No. |
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GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VIII EXAMINATION - SUMMER 2016

| Subject Code:180708 | | | Date:16/05/2016 | |
|---------------------|--|---|-----------------|--|
| T | Subject Name: Android Programming (Department Elective - II) Time: 10:30 AM to 01:00 PM Instructions: 1. Attempt all questions. 2. Make suitable assumptions wherever necessary. 3. Figures to the right indicate full marks. | | '0 | |
| Q.1 | (a) (b) | What is requirement of "Library" layer in Android architecture? Write a short note on "Android Manifest". | 07 07 | |
| Q.2 | (a) (b) | What is ADB? Why it's require? What is requirement of Kernel layer in Android architecture? | 07 07 | |
| | (b) | OR Explain SQLiteDatabase in android. | 07 | |
| Q.3 | (a) (b) | Write a short note on "Intent". What is Android Runtime? Also explain Android Virtual Device. | 07 07 | |
| Q.3 | (a) (b) | OR Explain Android Activity life Cycle. Explain the various types of Android Application. | 07 07 | |
| Q.4 | (a) (b) | What is Parsing? Explain XML Parsing with suitable example. Explain the following layouts 1. Relative Layout 2. Frame Layout | 07 07 | |
| Q.4 | (a) (b) | OR What is Parsing? Explain JSON Parsing with suitable example. Explain the following layouts 1. Linear Layout 2. Table Layout | 07 07 | |
| Q.5 | (a) (b) | Explain GUI Architecture of Android. What is Listview. Write a java class to add any 10 items within Listview. | 07 07 | |
| Q.5 | (a) (b) | OR Explain view. Also explain grid view and web view. Create android application to do addition of any two numerical digits (xml file and Java Class Only). | 07 07 | |

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