

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER-III • EXAMINATION – WINTER • 2014

Subject Code: 2735301 / 735301

Date: 27-11-2014

Subject Name: Advanced Programming on Mobile devices-II

Time: 02.30 pm - 05.00 pm

Total Marks: 70

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

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|------------|------------|--|-----------|
| Q.1 | (a) | Explain System-Level Security Features. | 07 |
| | (b) | Explain Threads in android. | 07 |
| Q.2 | (a) | Explain Google android SDK. | 07 |
| | (b) | Discuss android architecture with proper diagram. | 07 |
| | | OR | |
| | (b) | Explain Multithreading in android. | 07 |
| Q.3 | (a) | The difference between start service and bind service? | 07 |
| | (b) | How binder is differ from serialization? Explain. | 07 |
| | | OR | |
| Q.3 | (a) | Describe activity and what is the use of activity Creator? | 07 |
| | (b) | Explain Implicit Intent with Intent Filters. | 07 |
| Q.4 | (a) | Explain Interprocess communication in android. | 07 |
| | (b) | What are the items that are present each time an android project created? | 07 |
| | | OR | |
| Q.4 | (a) | Explain Android HTTP Request/Response Model | 07 |
| | (b) | Discuss pros and cons of using android? | 07 |
| Q.5 | (a) | Explain the Building blocks in android with sample code. | 07 |
| | (b) | What is the proper way of setting up a android powered device in to app development. | 07 |
| | | OR | |
| Q.5 | (a) | Explain Android Stack. | 07 |
| | (b) | Explain AIDL interface. | 07 |
