Total No. of Questions : 8]   [Total No. of Printed Pages : 2

Roll No ....

CS-6005 (2) (CBGS)

B.E. VI Semester

Examination, November 2019

Choice Based Grading System (CBGS)

Mobile Application Development

Time : Three Hours

Maximum Marks : 70

Note: i) Attempt any five questions out of eight.

ii) All questions carry equal marks.

1. a) What is meant by Wireless Communication and explain type of Wireless Communication?   7

   b) Explain about GSM systems with block diagram.   7

2. a) What are the Mobile Applications Types and Benefits of a Mobile Applications.?   7

   b) Explain architecture of mobile software applications.   7

3. a) What is Peer-to-Peer Applications for Mobile computing?   7

   b) What are the problems with Building Location-Based applications?   7

4. a) How to install and configure Android SDK, Eclipse and ADT Plug-in?   7

   b) Explain SDK components, application layout and Android application development.   7

5. a) What is the security and fault tolerance in mobile computing?   7

   b) What are mobile application development platforms?   7

6. Write short notes on the following:

   a) MAC issues   4

   b) IEEE 802.11   4

   c) Bluetooth   3

   d) Wireless multiple access protocols.   3

7. a) What are the differences between Android and IOS?   7

   b) Explain the architectural patterns for Mobile Application development.   7

8. Write short notes on the following:

   a) CDMA   5

   b) GPRS   5

   c) N-Tier Client-Server.   4

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