Question Paper

Exam Date & Time: 27-Nov-2018 (10:00 AM - 01:00 PM)

MANIPAL ACADEMY OF HIGHER EDUCATION

SCHOOL OF INFORMATION SCIENCES

FIRST SEMESTER MASTER OF ENGINEERING - ME (EMBEDDED AND WIRELESS TECHNOLOGY)

Android programming using Java [EWT 613]

Marks: 100   **Duration: 180 mins.**

END SEMESTER DEGREE EXAMINATION NOVEMBER 2018

Answer all the questions.

1)   Describe android architecture   (10)

2)   What are fragments. Explain its life cycle.   (10)

3)   Explain the creation and usage of the SQLITE database in android.   (10)

4)   (a)Explain OOPS concept in java. (6+4marks)   (10)
(b)What is the difference between executeQuery and executeUpdate.

5)   Explain adapters in android.   (10)

6)   (a)What is the difference between toast message and notification in android. Explain   (10)

                (4+6 marks)

(b)What is Asynctask in android.

7)   Write short notes on JVM, DVM, JDK/JRE, ADB.   (10)

8)   (a)What are the differences between processes and threads?   (4+2*3marks)   (10)
(b)List out any 3 different Layouts supported by Android system and explain with its various attributes.

9)   Write short notes on APK File and Manifest.xml   (10)

10)   (a)What are location service features in android   (10)
             (6+4marks)
(b)Explain Intents.

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