**UNIVERSITY OF GHANA**

**DEPARTMENT OF COMPUTER SCIENCE**

**MOBILE DEVELOPMENT SHORT COURSE TEST**

**ATTEMPT ALL QUESTION** DURATION: **1HR30MINS**

1. What does the following abbreviations mean?
2. SDK
3. API
4. JRE
5. JDK
6. JVM

(**10 marks**)

1. Explain the meaning of the following terms as used in Object Oriented programming:
2. Abstraction
3. Inheritance

(**4 marks**)

1. Differentiate the following:
2. Class and Function
3. Activity and Fragment
4. Service and Broadcast Receiver
5. Content Provider and Shared Preferences

(**12 marks**)

1. Rearrange the following steps in creating an android application for the first time:
2. In the Configure Activity screen, keep the defaults and click finish
3. In the Target Android Devices screen, keep the default values and click Next
4. In the Create New Project window, enter the following values:
5. Application Name: “My First App”
6. Company Domain: “example.com”
7. In the Welcome to Android Studio window, click Start a new Android Studio Project
8. Click Next
9. In the Add an Activity to Mobile screen, select Empty Activity and click Next.

(**14 marks**)

You will be awarded **5 marks** for clarity of expression and orderliness of your work. All the best