**UNIT CODE: IT/CU/ICT/CR/11/6**

**Unit Title: Mobile Application Development**

**CAT 1**

1. What is Android (2 marks)
2. Describe the difference between native and hybrid mobile applications. (2 marks)
3. The AndroidManifest.xml file is an essential component of an Android application. Explain THREE functions of android manifest file. (3 Marks)
4. Explain the importance of each of the following directories in an IDE for a mobile application;
5. Manifest folder (2 marks)
6. Drawable Folder (res/drawable) (2 marks)
7. Layout Folder (res/layout). (2 marks)
8. Values Folder (Res/Colors/). (2 Marks)
9. Differentiate Activities from Services in the Android development (4marks)
10. What is an android emulator (1mark)
11. Outline two objectives for developing a mobile application. (2 Marks)
12. Apart from Android Studio, State FOUR other application development platforms that a developer can use to create a mobile application. (4 Marks)
13. Briefly explain two different navigation patterns commonly used in mobile applications. (4 Marks)