**UNIVERSITY OF GHANA**

**DEPARTMENT OF COMPUTER SCIENCE**

**MOBILE DEVELOPMENT SHORT COURSE EXAMINATION**

***Instructions****: Answer* ***all*** *questions*

**DURATION: 2** hours (**40** marks in all)

1. State and explain **2** functions of an **Intent.** (**4** marks)
2. State the types of **intent** with an **example** in each case. (**4** marks)
3. State the **4** application components (**4** marks)
4. In not more than **50 words,** explain any two of the above stated application components. (**6** marks)
5. Explain each of the **activity** **lifecycle callbacks** below:
6. onCreate
7. onDestroy
8. onPause
9. onStart
10. onStop (**2** marks each)
11. Distinguish the following terms:
12. Activity and Fragment
13. onStop and onDestroy
14. ContentProvider and SharedPreferences (**4** marks each)