

Based on the application you are developing answer the following questions:

(give examples based on the app you are building)

QUESTION 1:

- (a) What is an activity?
- (b) What is the difference between a class and an object?
- (c) Often when one is writing Java code, a class can extend another. Briefly explain what the previous statement means?
- (d) Explain what the following java key words mean:
 - i. class
 - ii. constructor
 - iii. instance
 - iv. Public method
- (e) Explain the significance of the terms below in developing android applications:
 - i. Minimum sdk
 - ii. Android sdk
 - iii. Android apk

QUESTION 2:

- (a) Which components are necessary for your Android project?
- (b) What is an intent and how would you use it in your application?
- (c) An android application can be viewed as a collection of views and view groups. what is a view and state at least one example of a view and view group?
- (d) Briefly describe how one can navigate from one activate to another?
- (e) Explain atleast two layouts in your applications and how they work? (6 marks)

QUESTION 3

- (a) Briefly explain what the term user experience Design?
- (b) Discuss the factors you had in mind while developing a good user experience design for your application?
- (c) Draw out the mobile flow diagram for your application ?