

## **Question bank**

### **Android Theory Based Questions for Mid-Sem**

1. What is Android? State its Advantages and Disadvantages.
2. What is an Emulator? Explain in brief.
3. Write a short note on history of Android?
4. Explain different types of layouts available in Android.
5. What is Intent? Explain in detail.
6. Explain Activity Lifecycle with Diagram.
7. What is SDK? What is its importance.

### **Kotlin Theory Based Questions for Mid-Sem**

1. What is the importance of Kotlin over java?
2. What are the various datatypes in Kotlin explain them.
3. Differentiate between open and public keywords in Kotlin.
4. What are the different types of constructors available in Kotlin. Explain them with an example.
5. Explain the concept of null safety in Kotlin.
6. How are variables declared in Kotlin? What are the various types of variables available in Kotlin? Explain with example
7. What are data classes in Kotlin? Explain in detail.