



LBS CENTRE FOR SCIENCE & TECHNOLOGY
PGDCA II SEMESTER SUPPLEMENTARY EXAMINATION –JANUARY 2020
L 201 JAVA & SMART DEVICE APPLICATIONS DEVELOPMENT (ANDROID)

Time: 3 Hrs.

Max. Marks: 100

PART A (Answer all questions. 1 mark each)

I Answer all questions in one or two sentences. Each question carries 1 mark.

1. List any four OOP concepts.
2. List any two String methods in Java.
3. What is multithreading?
4. What is a Package? Give example.
5. What is an AVD?
6. Name two Open Source Licenses.
7. Name two views in Android.
8. What are the two types of menu in Android?
9. What is a Fragment?
10. What is SQLite?

[10 x 1=10]

PART B

II Answer any TEN questions from the following. (Each question carries 3 marks)

1. What are the two methods to create Threads in Java?
2. What is an Interface?
3. What is exception handling? List the keywords used for exception handling in Java.
4. List any three Wrapper classes in Java.
5. What is a Vector? List any two Vector methods in Java.
6. Define Android. Name two versions of Android.
7. What is an Intent?
8. Write any three folders in an Android application.
9. What is the purpose of AndroidManifest.xml file?
10. What is the purpose of ProgressDialog ?
11. List the List Views in Android
12. What is the purpose of Toast class?
13. List the Picker views in Android.
14. What are Broadcast Receivers?
15. What is meant by Wi-Fi Connectivity?

[10 x 3=30]

PART C

III Answer any FIVE questions from the following. (Each question carries 12 marks)

1. Define Inheritance. Explain different types of Inheritance in Java.
2. Explain with a diagram the Thread life cycle in java.
3. Explain Stream classes in Java.
4. Write the features of Android.
5. Explain with a diagram the Architecture of Android.
6. Explain the anatomy of Android application.
7. Explain Activity life cycle with a block diagram.
8. Explain any four View Groups in Android.
9. Explain Menu in Android.
10. Explain Fragment life cycle in Android.

[5 x 12 =60]
