School of Computing Science and Engineering
Master of Computer Applications
Semester End Examination - Nov 2023

Duration : 180 Minutes
Max Marks : 100

Sem III - MCAN2310 - Android App Development PBL

General Instructions
Answer to the specific question asked
Draw neat, labelled diagrams wherever necessary
Approved data hand books are allowed subject to verification by the Invigilator

1) Compare the features of Android with those of iOS. — K1 (2)

2) Discuss the specific permission that is required to access the device's Bluetooth functionality in Android. Explain its importance and potential use cases for Bluetooth-related operations. — K2 (4)

3) Compare and contrast GPS and network-based location services in Android. — K2 (6)

4) Evaluate different monetization strategies for Android apps. Provide examples for each strategy. — K3 (9)

5) Assess the benefits and drawbacks of using Google Analytics in an Android app. — K3 (9)

6) Compare and contrast the role of an AsyncTask and a Handler in managing background tasks in Android. — K5 (10)

7) Evaluate the importance of accessibility features in Android app design. How can developers ensure their apps are accessible? — K4 (12)

8) Discuss the concept of "asynchronous programming" in Android and its relevance. — K5 (15)

9) Evaluate the impact of incorporating accessibility features in Android app design. — K5 (15)

10) Design a user interface for a weather app that dynamically adapts to various screen sizes and orientations. — K6 (18)