School of Computing Science and Engineering
Department of Computer Application
Mid Term Examination

Exam Date: 01 Oct 2023
Time : 90 Minutes
Marks : 50

Sem III - MSCD2390 - Mobile Application Development
Your answer should be specific to the question asked
Draw neat labeled diagrams wherever necessary

1) Is Android an open-source operating system? Support your answer with justification — K2 (2)

2) Analyze the role of the Open Handset Alliance in shaping the Android ecosystem. — K1 (3)

3) Explain the concept of "Activity life cycle" in Android application development. — K2 (4)

4) Evaluate the role of styles and themes in maintaining a consistent UI design. — K2 (6)

5) Compare and contrast explicit and implicit intents in Android. — K3 (6)

6) Evaluate the importance of the "Activity life cycle" in ensuring a smooth user experience in Android apps. — K3 (9)

7) Analyze the benefits of using different types of layouts (e.g., LinearLayout, RelativeLayout) in Android. — K4 (8)

8) Evaluate the challenges developers face when designing Android apps for multiple screen sizes and resolutions. — K4 (12)

OR

Propose strategies for optimizing the performance of a memory-intensive Android application. — K4 (12)