

School of Computing Science and Engineering

Bachelor of Science in Computer Science
Semester End Examination - Aug 2024

Duration : 180 Minutes
Max Marks : 100

Sem V - E1UJ505C - Android Application Developmet

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) Provide a brief overview of the history and evolution of the Android operating system. K1(2)
- 2) Describe the role and purpose of the component used to store and retrieve large or structured data sets shared between Android apps. How does this component contribute to data sharing? K2(4)
- 3) Propose strategies for handling device orientation changes in Android applications. K2(6)
- 4) Analyze the role of explicit and implicit intents in interactivity between Android components. K3(9)
- 5) Evaluate different monetization strategies for Android apps. Provide examples for each strategy. K3(9)
- 6) Explain the concept of implicit intents in Android. Provide an example of when and why they might be used. K5(10)
- 7) Evaluate the importance of accessibility features in Android app design. How can developers ensure their apps are accessible? K4(12)
- 8) Analyze the considerations and best practices for localization in Android applications. K5(15)
- 9) Evaluate the security measures that Android provides to protect user data and prevent unauthorized access to sensitive information. K5(15)
- 10) Devise a plan for optimizing the performance of an image-heavy Android application. K6(18)