



ADMISSION NUMBER

School of Computing Science and Engineering

Bachelor of Technology in Computer Science and Engineering
Semester End Examination - Aug 2024

Duration : 180 Minutes
Max Marks : 100

Sem VI - R1UC608C - Mobile Application Development

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) State one advantage of using SQLite for local data storage in Android applications K1(2)
- 2) Explain the significance of signing certificate. K2(4)
- 3) Explain the role of Android Debug Bridge (ADB) and how is it used in Android App development? K2(6)
- 4) Investigate the implications of using Intent flags for controlling the behavior of Intent resolution and navigation. K3(9)
- 5) Compare and contrast Android's functionality with that of Apple's iOS. K3(9)
- 6) Evaluate the difficulties of managing the execution of background tasks in Android apps and suggest ways to overcome them. K5(10)
- 7) Examine the involvement of sensors in Android devices and furnish examples of applications that harness various types of sensors. K4(12)
- 8) Explain Activity lifecycle. K5(15)
- 9) Explain the version of Android OS. K5(15)
- 10) Elaborate in detail the main differences between Android SDK and Android NDK. K6(18)