

**DIRECTORATE OF ONLINE EDUCATION**

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**Program: Bachelor of Computer Applications (BCA)**

**Course Name: Mobile Application Development**

**Course Code: DCA3201**

**Semester: VI**

**Session: APRIL 2025**

**SET – I**

**Q1.**

**Draw the Android architecture diagram and discuss the role of various layers available in android architecture framework.**

**5 + 5**

Answer:

175

**Q2.**

**Discuss the importance of main thread in handling UI events in Android. Explain consequences of blocking the main Thread.**

**5 + 5**

Answer:

88

95

**Q3.**

**Describe the role of Media recorder class in audio and video recording with all the required steps.**

**10**

Answer:

145

**SET – II**

**Q1.**

**What are Layout Managers. Discuss their importance in android UI design with View and ViewGroups.**

**5 + 5**

Answer:

259

361

**Q2.**

**Discuss how Broadcast Receivers work in Android and provide an example scenario where they might be useful.**

**5 + 5**

Answer:

Unit-7

**Q3.**

**Describe the fundamental CRUD operations in database management. How are they executed in Android's SQLite?**

**5 + 5**

Answer:

307