

Course: IV-B. Tech, I-SEM, Mid -IIBranch: Information Technology(A&B)

**Subject: Mobile Application Development Duration: 1:30hr**

**Date:12/11/2024 Max.Marks :25**

**Answer all Questions in Part-A & Part B**

**Part –A 5\*2=10M**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | **BTL** | **CO** |
| **1.** | Explain the Android Intent concept. | **2** | **3** |
| **2.** | Compare Explicit and Implicit Intents in Android. | **2** | **3** |
| **3.** | What role do Broadcast Receivers play in Android development? | **2** | **4** |
| **4.** | Explore various techniques for achieving persistent data storage in Android applications. | **2** | **4** |
| **5.** | Discuss Location-Based Services in Android. | **4** | **5** |

**Part –B 5\*3=15M**

|  |  |  |  |
| --- | --- | --- | --- |
| **6.** | Write the data sharing techniques between Android activities and their practical applications.  **OR** | **5** | **3** |
| **7.** | Write the applications of Broadcast Receivers in the Android system. | **3** | **3** |
| **8.** | How can you create and use Shared Preferences to save and retrieve data in Android?  **OR** | **4** | **4** |
| **9.** | Describe the process of creating and managing database tables, as well as inserting, retrieving, and deleting data. | **3** | **4** |
| **10.** | How can you create and use alarms to perform tasks at specific times or intervals?  **OR** | **4** | **5** |
| **11.** | Discuss the use of the download manager for handling internet resource downloads. | **2** | **5** |



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**Schema for Evaluation**

**Part –A 5\*2=10 M**

|  |  |  |
| --- | --- | --- |
|  |  | **Marks** |
| **1.** | Explain the Android Intent concept. | **2** |
| **2.** | Compare Explicit and Implicit Intents in Android. | **2** |
| **3.** | What role do Broadcast Receivers play in Android development? | **2** |
| **4.** | Explore various techniques for achieving persistent data storage in Android applications. | **2** |
| **5.** | Discuss Location-Based Services in Android. | **2** |

**Part –B** **5\*3=15 M**

|  |  |  |
| --- | --- | --- |
| **6.** | Write the data sharing techniques between Android activities and their practical applications.**OR** | **5** |
| **7.** | Write the applications of Broadcast Receivers in the Android system. | **5** |
| **8.** | How can you create and use Shared Preferences to save and retrieve data in Android?**OR** | **5** |
| **9.** | Describe the process of creating and managing database tables, as well as inserting, retrieving, and deleting data. | **5** |
| **10.** | How can you create and use alarms to perform tasks at specific times or intervals?**OR** | **5** |
| **11.** | Discuss the use of the download manager for handling internet resource downloads. | **5** |