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**IV.B.TECH- I-SEM (R20)-II MID EXAMINATIONS-NOVEMBER-2023 Date: 09.11.2023.**

**Subject: Mobile Application Development Time: 10:00 TO 11:30 AM**

**Branch: IT Marks: 25 M**

***Answer All Questions In Part-A& Part-B***

**PART –A 5\*2=10 M**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | **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.** | Discuss the different methods for storing data persistently in an Android app. | **2** | **4** |
| **5.** | Describe the use of Native Actions in Android. | **4** | **5** |

**PART –B 5\*3=15 M**

|  |  |  |  |
| --- | --- | --- | --- |
| **6.** | Write the data sharing techniques between Android activities and their practical applications.  (**OR)** | **5** | **3** |
| **7.** | Explain how to resolve Intent filters and find and use Intents received within an Activity. | **3** | **3** |
| **8.** | How can you create and use Shared Preferences to save and retrieve data in Android?  (**OR)** | **4** | **4** |
| **9.** | Discuss the common operations like insert, delete, retrieve, and update using Content Providers. | **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** |

**SCHEME OF EVALUATION**

**Part –A**

| **SNO** | **THEORY** | **MARKS** | **TOTAL** |
| --- | --- | --- | --- |
| **1** | Explain the Android Intent concept. | **2** | **2** |
| **2** | Compare Explicit and Implicit Intents in Android. | **2** | **2** |
| **3** | What role do Broadcast Receivers play in Android development? | **2** | **2** |
| **4** | Discuss the different methods for storing data persistently in an Android app. | **2** | **2** |
| **5** | Describe the use of Native Actions in Android. | **2** | **2** |

**Part –B**

| **SNO** | **THEORY** | **MARKS** | **TOTAL** |
| --- | --- | --- | --- |
| **6** | Write the data sharing techniques between Android activities and their practical applications.  (**OR)** | **5** | **5** |
| **7** | Explain how to resolve Intent filters and find and use Intents received within an Activity. | **5** |  |
| **8** | How can you create and use Shared Preferences to save and retrieve data in Android?  (**OR)** | **5** | **5** |
| **9** | Discuss the common operations like insert, delete, retrieve, and update using Content Providers. | **5** |  |
| **10** | How can you create and use alarms to perform tasks at specific times or intervals?  **(OR)** | **5** | **5** |
| **11** | Discuss the use of the download manager for handling internet resource downloads | **5** |  |