

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

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

**Date :12/09/2024 Max.Marks :25**

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

**Part –A 5\*2=10M**

|  |  |  |  |
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|  |  | **BTL** | **CO** |
| **1.** | Explain Android SDK. | **2** | **2** |
| **2.** | Explain the feature and limitation of Android OS. | **2** | **2** |
| **3.** | Explain the distinction between editable and non-editable Text Views. | **2** | **1** |
| **4.** | Explain the use of xml and java file in Android OS. | **2** | **2** |
| **5.** | Differentiate between explicit and implicit intents in Android. | **4** | **2** |

**Part –B 5\*3=15M**

|  |  |  |  |
| --- | --- | --- | --- |
| **6.** | Write the procedure to install the Android app developer tools in Eclipse IDE  **OR** | **5** | **3** |
| **7.** | Describe the Android activity lifecycle. Illustrate with an example how an activity transitions through different states during its lifecycle. | **3** | **3** |
| **8.** | Discuss the Android UI design layout.  **OR** | **4** | **2** |
| **9.** | Explain the process of handling click events for various UI components. Provide code examples for handling clicks on a Button and a Spinner. | **3** | **2** |
| **10.** | Explain Fragment Life Cycle. Illustrate with an example how a fragment transitions through different state during its lifecycle.  **OR** | **3** | **2** |
| **11.** | How can you pass data to another Activity using intents? | **2** | **1** |



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**Schema for Evaluation**

**Part –A**

|  |  |  |
| --- | --- | --- |
|  |  | **MARKS** |
| **1.** | Explain Android SDK. | **2** |
| **2.** | Explain the feature and limitation of Android OS. | **2** |
| **3.** | Explain the distinction between editable and non-editable Text Views. | **2** |
| **4.** | Explain the use of xml and java file in Android OS. | **2** |
| **5.** | Differentiate between explicit and implicit intents in Android. | **2** |

**Part –B**

|  |  |  |
| --- | --- | --- |
| **6.** | Write the procedure to install the Android app developer tools in Eclipse IDE **OR** | **5** |
| **7.** | Describe the Android activity lifecycle. Illustrate with an example how an activity transitions through different states during its lifecycle. | **5** |
| **8.** | Discuss the Android UI design layout. **OR** | **5** |
| **9.** | Explain the process of handling click events for various UI components. Provide code examples for handling clicks on a Button and a Spinner. | **5** |
| **10.** | Explain Fragment Life Cycle. Illustrate with an example how a fragment transitions through different state during its lifecycle. **OR** | **5** |
| **11.** | How can you pass data to another Activity using intents? | **5** |