**OBSERVATION CHECKLIST**

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| **Candidate’s Name & Registration Code** |  | | |
| **Assessors Name & Registration Code** |  | | |
| **Venue of Assessment** |  | | |
| **Date of Assessment** |  | | |
| **Items to be Evaluated:** *Kindly award marks as appropriate. Give a brief comment on your observation.* | **Marks**  **Available** | **Marks**  **Obtained** | **Comments** |
| **TASK 1:** | | | |
| 1. Switched on computer and started IDE calculator    * + - *(Award 2 mark or zero)* | **2** |  |  |
| 1. Started a new android studio project. Created a new project and name it   *(Award 2 mark or zero)* | **2** |  |  |
| 1. Checked whether *main\_activity.java* and *activity\_main.xml* files are present.   *(Award 2 mark or zero)* | **2** |  |  |
| 1. Set up appropriate layout as required   *(Award 3 mark or zero)* | **3** |  |  |
| 1. Added the following components for input and display  * EditText * Buttons * TextView   *(Award 3 marks for each or zero)* | **3**  **3**  **3** |  |  |
| 1. Defined the inputs for the following  * EditText * Button   *(Award 2 marks for each or zero)* | **2**  **2** |  |  |
| 1. Implemented setOnClickListener for the arithmetic buttons  * Multiplication * Addition * Subtraction * Reset/clear   *(Award 2 marks for each or zero)* | **2**  **2**  **2**  **2** |  |  |
| 1. Defined components for output   *(Award 2 marks for each or zero)* | **2** |  |  |
| 1. Ensured buttons and text are easily readable   *(Award 3 marks for each or zero)* | **3** |  |  |
| 1. Implemented UI for the design   *(Award 2 marks for each or zero)* | **2** |  |  |
| 1. Implemented logic using java for addition in the activity   *(Award 3 marks for each or zero)* | **3** |  |  |
| 1. Implemented logic using java for multiplication in the activity   *(Award 3 marks for each or zero)* | **3** |  |  |
| 1. Implemented logic using java for division in the activity   *(Award 3 marks for each or zero)* | **3** |  |  |
| 1. Tested each component for functionality  * Addition * Multiplication * Subtraction * Reset   *(Award 2 marks for each or zero)* | **2**  **2**  **2**  **2** |  |  |
| 1. Checked final design appearance for labeling to direct users   *(Award 2 marks for each or zero)* | **2** |  |  |
| 1. Debugged the codes to identify errors   *(Award 2 marks for each or zero)* | **2** |  |  |
| 1. Tested the application using test data  * Wrong data * True data   *(Award 2 marks for each or zero)* | **2**  **2** |  |  |
| 1. Saved the program   *(Award 1 mark)* | **2** |  |  |
| **GRAND TOTAL** | **65** |  |  |
| **ASSESSMENT OUTCOME** | | | |
| The candidate was found to be:  Competent Not yet Competent  *(Please tick as appropriate)*  *(The candidate is competent if the candidate obtains at least 50%)* | | | |
| **Feedback from the Candidate:** | | | |
| **Feedback to the Candidate:** | | | |
| **Candidate Signature Date:**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | | | |
| **Assessor’s Signature Date**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | | | |