**JEREMIAH NYAGAH NATIONAL POLYTECHNIC**

**DEPARTMENT OF COMPUTING & INFORMATICS**

**COURSE: ICT LEVEL 6  
UNIT: DEVELOP COMPUTER PROGRAM (JAVA PROGRAMMING)  
CAT: PRACTICAL CAT 2**

**Candidate’s Name & Reg. No:**   
**Assessor’s Name & Reg. Code:** **EDWARD MURITHI**   
**Venue of Assessment:** **JITUME LAB**   
**Date of Assessment:** **23rd Oct. 2025**

|  |  |  |  |
| --- | --- | --- | --- |
| **Items to be Evaluated** | **Marks Allocated** | **Marks Obtained** | **Comments** |
| **Task 1 -  **Student Management System**** | | | |
| Created **Student** class with attributes ***(name, regNo, marks).*** | 3 |  |  |
| Implemented ***calculateGrade()*** method correctly. | 4 |  |  |
| Used appropriate conditional statements for grading logic. | 3 |  |  |
| Accepted input for multiple students using loop or array structure. | 4 |  |  |
| Displayed student details with computed grades correctly. | 4 |  |  |
| Program compiles and executes successfully. | 3 |  |  |
| Code properly commented and readable. | 2 |  |  |
| Good programming practices and naming conventions used. | 2 |  |  |
| **Sub-total** | **25** |  |  |
| **Task 2 - **Employee Payroll System**** | | | |
| Created Employee class with attributes **(name, id, basicSalary)**. | 3 |  |  |
| Created Payroll **subclass** that inherits from **Employee.** | 4 |  |  |
| Implemented methods for **NHIF, NSSF,** and **Net Salary calculations.** | 4 |  |  |
| Accepted employee details and displayed results correctly. | 4 |  |  |
| Applied correct logic for deductions and computation. | 4 |  |  |
| Program compiles and runs successfully. | 3 |  |  |
| Used access modifiers and naming conventions properly. | 2 |  |  |
| Code commented and readable. | 1 |  |  |
| **Sub-total** | **25** |  |  |
| ****TOTAL MARKS**** | **50** |  | |

**Competent**    **Not Yet Competent**  
(Candidate is competent if s/he scores 50% or higher)

### ****Feedback from candidate:****

### ****Feedback to candidate:****

**Candidate’s Signature:**  **Date:**

**Assessor’s Signature:**  **Date:**