**Name.................................................................................................. Adm. No.................**

**TANGANYIKA SECONDARY SCHOOL**

**P.O. BOX 1495 – 90200 KITUI**

**FORM 3**

**TERM II**

**231/3**

**Biology**

**Practical**

**INSTRUCTION TO LEARNERS**

*1. Answer all questions in the spaces provided.*

*2. Students will be penalized for misspelling technical terms.*

**FOR EXAMINER USE ONLY**

|  |  |  |
| --- | --- | --- |
| **QUESTION** | **MARKS** | **CANDIDATE'S SCORE** |
| 1. | 15 |  |
| 2. |  |  |
| 3. |  |  |
| **TOTAL** | 40 |  |

**Turn over**

1. You are provided with Specimen Q

 a) Sketch Specimen Q inside the frame shown below and label any five parts. (5 marks)

|  |
| --- |
|  |

b) Calculate the magnification of the diagram you have drawn. (3 marks)

c) Using Specimen Q and the reagents provided, test for the presence of starch in a leaf. Record your procedure, observations and conclusions below: (4 Marks)

|  |  |  |  |
| --- | --- | --- | --- |
| Test | Procedure | Observations | Conclusion |
| Test for presence of starch in a leaf |  |  |  |

d) Give a reason for each step in your procedure in c) above (4 marks)