



University of Fort Hare  
*Together in Excellence*

**MNN 211**

**DEGREE EXAMINATIONS**

**JUNE 2023**

Time: 3 Hours

Subject: **NATURAL SCIENCE METHOD**

Marks 100

This paper consists of 3 pages including the cover page

Internal Examiner

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INSTRUCTIONS

1. Answer all questions in this paper
2. Start each question on a new page
3. Number your questions correctly
4. Write neatly

### Question 1

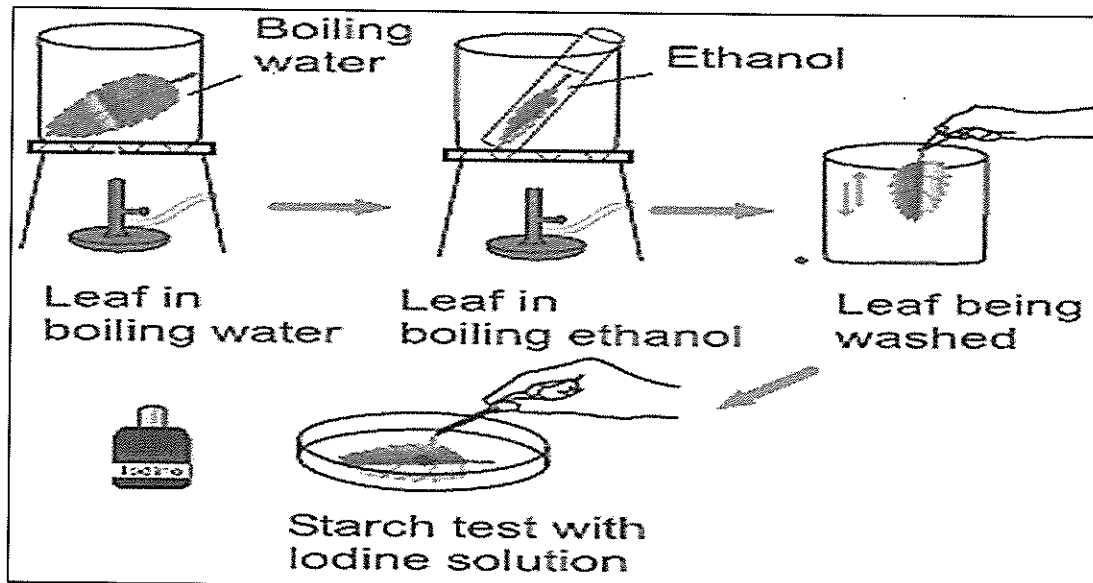
- 1.1 Science Nature is characterized by scientific knowledge. State seven critical qualities of the Nature of science. (14)
- 1.2 Identify the spheres of life on Earth and give their examples. (9)
- 1.3 Lists any two standard indicators of a Scientist. (2)
- [25]

### Question 2

- 2.1 List three (3) policy statements that are represented by National Curriculum Statement Grades R-12. (6)
- 2.2 Provide a full name for CAPS and its foundational principles. (10)
- 2.3 State all Natural Science specific aims. (6)
- 2.4 Mention three phases of Micro-teaching. (3)
- [25]

### Question 3

Nandi a grade 8 learner conducted an experiment to investigating the presence of starch in a leaf. Her experimental design and procedure were as follows.



Answer the following questions:

- 3.1 Write down the hypothesis of the above experiment. (2)

