

**T023**

**Friday, 30/7/2021**

**08:30 – 11:30 AM**

**Names**

Index number

TVET NATIONAL EXAMINATION, RTOF LEVEL 5, 2020-2021

## QUESTIONS and ANSWERS BOOKLET

OPTION/TRADE: **FORESTRY**

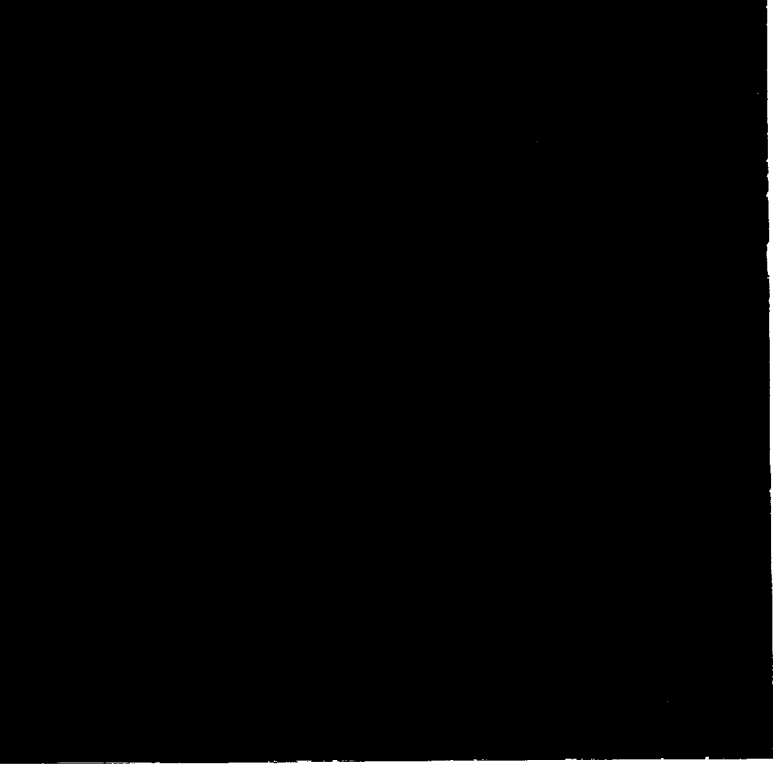
**SUBJECT: Forest Management Plan Implementation**

ACADEMIC YEAR: 2020-2021

Read carefully the instructions on page (i) & (ii).

**FOR EXAMINER'S USE ONLY**

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# TVET NATIONAL EXAMINATION, RTQF LEVEL 5, 2020-2021

## **INSTRUCTIONS TO CANDIDATES: PART I (Answer Booklet)**

1. A candidate should fill in the actual names and the index number on the cover of this questions and answer booklet on the provided place (Black Box).
2. It is illegal for a candidate to write any of his/her names, index number or a school name inside the answer booklet.
3. A candidate should check if all pages of the answer booklet are complete. No candidate should remove or tear any pages or part of it from the answer booklet.
4. A candidate should answer in the language in which the examination is set. (See page **(ii)**)
5. A candidate should sign on the sitting plan when submitting the answer booklet. He/she has also to check if the answer booklet is well sealed.
6. No extra paper is allowed in the examinations room. If a candidate is caught with it his/her results will be nullified.
7. No candidate is allowed to write answers not related to the subject being sat for, otherwise it will be considered as a cheating case.
8. Write your answers on the 12 lined pages (From page 1 of 12 to page 12 of 12).
9. Use the last non-lined pages as draft.
10. Results for any candidate who is caught in examination malpractices are nullified. The cheating can be recognized during examinations administration, marking exercise or even thereafter.

# **TVET NATIONAL EXAMINATION, RTQF LEVEL 5, 2020-2021**

**OPTION/TRADE: FORESTRY**

**SUBJECT: Forest Management Plan Implementation**

**DURATION: 3 hours**

## **INSTRUCTIONS TO CANDIDATES: PART II (Question Paper)**

The paper is composed of two (2) main Sections as follows:

**Section I: Attempt all the Twelve (12) questions (60 marks)**

**Section II: Attempt any Four (4) questions out of Six (6) (40 marks)**

### **Allowed materials:**

- Ruler and square
- Calculator

### **Note:**

***Every candidate is required to carefully comply with the provided assessment instructions.***

**Section II: Attempt any Four (4) questions out of Six (6) (40 marks)**

- (13) During elaboration of forest management, plan is very important to collect the edaphic and climatic data according to three species requirements. Describe those edaphic and climatic data required.

**10 marks**

- (14) Characterize the Individual Land and Public Land. **10 marks**

- (15) Knowing that through extension methods knowledge and skills are disseminated to the farmers. As forest extension technician

a) Identify the advantages of making home visit. **4 marks**

b) In case of forest extension, what do you call group meeting?

**6 marks**

- (16) a) For being successful problem solver, we need to understand and know very well the stages to be followed methodically and what those stages involve. Identify those stages.

b) In defining objectives of forest extension campaign some criteria should be taken into consideration.

i. What are those criteria?

ii. Taking into accounts those criteria, try to formulate an objective according to your choice.

**10 marks**

**(17) a)** What should be the guidelines in arranging field visit?

**b)** List the means of popularization used in most group extension methods.

**10 marks**

**(18)** Determine the causes of low forest products in Rwanda and propose solutions.

**10 marks**

**Section I: Attempt all the Twelve (12) questions**

**(60 marks)**

- (01) Mention any five (5) objectives of forest management plan. **5 marks**
- (02) Outline chronologically any five (5) forest management activities to be established in your forest management plan. **5 marks**
- (03) Identify any five (5) preventive ways that can be used for controlling pest and diseases. **5 marks**
- (04) Elucidate any three (3) advantages and two (2) disadvantages of stratified sampling. **5 marks**
- (05) In the case of forest extension, outline the main types of communication and list any two (2) basic elements of agricultural communication process. **5 marks**
- (06) Identify the steps to be followed in the process of making a problem tree diagram. **5marks**
- (07) On what criteria the extension worker bases himself during choosing an extension method? State at least five (5). **5 marks**
- (08) Identify some advises should be followed while drafting written media messages. **5 marks**

**(09)** Differentiate method demonstration and result demonstration.

**5 marks**

**(10)** Discuss briefly the difference between farmer field school and farmer training center.

**5 marks**

**(11)** Identify the limitations of newspapers and magazines for forestry extension in Rwanda.

**5 marks**

**(12)** Outline any five (5) advises should help to produce better posters.

**5 marks**





