



ROBERT MUGABE SCHOOL OF EDUCATION AND CULTURE

DEPARTMENT OF TECHNICAL EDUCATION

BACHELOR OF EDUCATION PRIMARY IN-SERVICE HONOURS DEGREE

LEVEL 1 SEMESTER 2

EXAMINATION QUESTION PAPER

MODULE CODE : **TPAG AND TSAG 113-2**
MODULE NARRATION : **HORTICULTURE**
DATE : **2024**
DURATION : **3 HOURS**

INSTRUCTIONS TO CANDIDATES:

- Answer any **THREE** questions
- All questions carry equal marks

1. Discuss propagation in terms of:

a) Types of cutting
[9]

b) Factors affecting cuttings
[6]

c) The purpose of propagation
[10]

2. Describe five different factors which affect irrigation water supply
[25]

3. Plant Growth Regulators (PGR) have physiological effects, Discuss the following PGRs:

a) Auxins
[10]

b) Gibberellins
[15]

4. a) Describe giving examples plant training
[15]

c) Demonstrate the differences between vegetable crops and fruits
[10]

a. Discuss link between the season and nutritional status of rangeland forages during the following seasons:

b. Winter

c. summer [5]

5. a) Discuss the following factors on Voluntary Feed Intake:

i) Palatability [4]

ii) Physiological animal state [4]

iii) Water availability [4]

iv) Feed quantity [4]

v) Feed quality [4]

b) Describe the importance of tannins in animal nutrition [5]

END OF PAPER.