



MACHAKOS UNIVERSITY

University Examinations for 2022/2023 Academic Year

SCHOOL OF AGRICULTURE, ENVIRONMENT AND HEALTH SCIENCES

DEPARTMENT OF AGRICULTURAL SCIENCES

THIRD YEAR SECOND SEMESTER EXAMINATION FOR

BACHELOR OF SCIENCE (AGRICULTURAL EDUCATION AND EXTENSION)

AEE 323 SPECIAL METHODS OF TEACHING AGRICULTURE

DATE:

TIME:

INSTRUCTION: Answer Question One (Compulsory) and Any Other Two Questions.

QUESTION ONE (COMPULSORY) (30 MARKS)

- a) i) Explain any two reasons why a teacher of agriculture should include field trips and visits in the teaching of agriculture. (2 marks)
- ii) Give any two advantages to democratic style of teaching in agriculture (2 marks)
- iii) Explain any two reasons why the School Farm is considered as a laboratory in the teaching of agriculture in a school. (2 marks)
- iv) Explain any two objectives of secondary school agriculture curriculum in Kenya. (2 marks)
- b) i) Give two reasons for the principle of readiness in lesson presentation. (2 marks)
- ii) Explain any two reasons why a teacher should reward a student for good behavior. (2 marks)
- iii) Explain two advantages of lecture method in lesson delivery. (2 marks)

- c) i) In which any two ways would a project method be of benefit to the student in the learning of agriculture? (2 marks)
- ii) Explain any two ways in which the Young Farmers Club activities can promote the teaching and learning agriculture in the school (2 marks)
- iii) Explain any two factors which reflect the self-discipline of the teacher. (2 marks)
- iv) Give two features of democratic teaching (2 marks)
- d) i) Give any two functions of set induction in lesson presentation. (2 marks)
- ii) Explain two reasons for varying the stimulus in lesson presentation (2 marks)
- iii) Explain any three ways in which the teacher's movement and placement in the class during lesson presentation contributes to classroom learning atmosphere. (3 marks)

QUESTION TWO (20 MARKS)

- a) Explain any five ways in which a teacher would self-evaluate the success of the lesson presented. (10mks)
- b) Explain any five strategies which contribute to teacher effectiveness. (10 marks).

QUESTION THREE (20 MARKS)

- a) Explain any five professional abilities that would enable the teacher of agriculture to perform professional duties as required. (10mks)
- b) Explain the procedure of using the problem solving method in teaching an agriculture lesson. (10mks)

QUESTION FOUR (20 MARKS)

- a) Explain the competencies which a teacher of agriculture would require in order to develop and organize the school farm. (10mks)
- b) Explain the value of preparing a scheme of work before starting to teach the class allocated. (10mks)

QUESTION FIVE (20 MARKS)

- a) Explain any five points to observe when phrasing questions in lesson delivery (10 mks)
- b) Explain any five administrative functions of evaluation in teaching (10mks).

