

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**EXAMINATION FOR THE AWARD OF POSTGRADUATE DIPLOMA IN
EDUCATION**

PGDE 755: METHODS OF TEACHING AGRICULTURE

STREAMS: PGDE

TIME: 3 HOURS

DAY/DATE: TUESDAY 05/10/2021

2.30 P.M – 5.30 P.M.

INSTRUCTIONS:

- **Answer question one (compulsory) and any other three questions.**
- **Do not write on the question paper.**

QUESTION ONE

- (a) Fill in blank spaces. (5 marks)
- (i)refers to tools and machines that may be used to solve problems
 - (ii)tools used to support teaching and learning
 - (iii)channels of communication that carry messages with an instructional
 - (iv)is media and content that uses a combination of different content forms.
 - (v)is the classification of machines or equipment utilised in the instructional process
- (b) Outline five reasons why agricultural education is important. (5 marks)
- (c) Highlight the importance of educational media in agricultural education. (5 marks)
- (d) Explain five factors that an agriculture teacher would put into consideration when evaluating a school for use in teaching. (5 marks)

QUESTION TWO

- (a) State five advantages of lesson planning. (5 marks)

- (b) Describe the steps that an agriculture teacher would follow when drawing a scheme of work. (15 marks)

QUESTION THREE

- (a) State two functions of a crop museum in agricultural education. (2 marks)
- (b) Highlight two uses of a demonstration plot in agricultural education. (2 marks)
- (c) Outline four benefits of a school farm to an agriculture teacher. (4 marks)
- (d) Explain six factors to be considered when determining facilities needed in a workshop. (12 marks)

QUESTION FOUR

- (a) State four advantages and four disadvantages of demonstration as a method of teaching. (8 marks)
- (b) Explain six reasons why students should be sent out for teaching practice. (12 marks)

QUESTION FIVE

- (a) Explain five reasons why microteaching is beneficial to student teachers. (10 marks)
- (b) Describe five skills practised by student teachers during micro teaching. (10 marks)
-