



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**SCHOOL OF EDUCATION**  
**DEPARTMENT OF SPECIAL NEEDS EDUCATION AND EARLY CHILDHOOD**  
**DEVELOPMENT**  
**UNIVERSITY EXAMINATION FOR THE DIPLOMA IN SPECIAL NEEDS**  
**EDUCATION**  
**2<sup>ND</sup> YEAR 2<sup>ND</sup> SEMESTER 2019/2020 ACADEMIC YEAR**  
**MAIN CAMPUS SPECIAL RESITS /SPECISL EXAMS**

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**COURSE CODE: ESN2224**

**COURSE TITLE: Specific Methods of Teaching Agriculture**

**EXAM VENUE:**

**STREAM: DIP. SNE**

**DATE:**

**EXAM SESSION:**

**TIME: 1 ½ HOURS**

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**Instructions:**

- 1. Answer Question ONE (COMPULSORY) and ANY other 2 questions**
- 2. Candidates are advised not to write on the question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

### QUESTION ONE:

- A. Explain each of the following communication styles
- a) Passive (2marks)
  - b) Aggressive (2marks)
  - c) Assertive (2 marks)
- B. The following sub-topics appear in the KCPE Syllabus for Agriculture under the unit Bee Keeping.
- I. Honey harvesting
  - II. Sitting bee hive
  - III. Processing honey
  - IV. Beehive construction
  - V. Bee product marketing
  - VI. Materials for construction of beehive.
- a) Arrange the sub-topics in the order in which they should be taught. ( 3mks)
  - b) Write one knowledge objective and one skill objective which the teacher would have for a lesson on the sub- topic “Honey harvesting”. (4mks)
- C.
- a) Explain the meaning of curriculum differentiation (2mks)
  - b) State the benefits of curriculum differentiation ( 4mks)
- D.
- a) List four types of objective tests (4Marks)
  - b) Explain the difference between formative evaluation and summative evaluation (4marks)
- E. State three advantages of demonstration method of teaching (3 marks)

### QUESTION TWO

- a) A teacher is developing a scheme of work in which one of the units to be covered is “Farm tools and equipment”.
- b) Explain any five factors which the teacher should consider when preparing the scheme of work. (10 marks)
- c) State any four ways through which the teacher can introduce the lesson (4marks)
- d) Outline two problems which the teacher might encounter when teaching the topic. (2 marks)

- e) Give four assessment methods which the teacher could use to determine how the pupils have learnt at the end of the unit. (4 marks)

### QUESTION THREE

A teacher decided to use photographs to teach the topic “**identification of dairy breeds of cattle**”

- a) Give four advantages of using photographs in teaching of this topic (4 marks)
- b) Other than photos, list any other four teaching aids that the teacher could use when teaching the topic. (4 marks)
- c) When is it advisable to use other teaching learning resources other than the real objects ? (4 Marks)
- d) Discuss the advantages and disadvantages of using improvised teaching and learning resources. (8 marks)

### QUESTION FOUR

A teacher is planning to take learners for a field trip to a farmers training centre.

- a) By giving reasons, explain why the teacher has to make an early preliminary visit to the area. (5marks)
- b) List down the preparations the teacher has to make before taking learners for a trip? (5 marks)
- c) Give any four advantages of using project method in the teaching of agriculture (4 marks)
- d) Explain the roles of a teacher in a projects; (6 marks)

### QUESTION FIVE

- a) What is curriculum adaptation? (2mkrs)
- b) State and explain the types of curriculum adaptations (10 marks)
- c) Explain each of the following instructional strategies
- I. Collaborative learning (4marks)
- II. Peer teaching (4 marks)