# THE UNITED REPUBLIC OF TANZANIA NATIONAL EXAMINATIONS COUNCIL DIPLOMA IN SECONDARY EDUCATION EXAMINATION

735 AGRICULTURE TEACHING METHODS

Time: 3 Hours

Monday, 17" May 2010 p.m.

#### Instructions

- 1. This paper consists of sections A, B and C.
- 2. Answer all questions in sections A and B and two (2) questions from section C.
- 3. Section A carries 36 marks, section B carries 40 marks and section C carries 24 marks.
- 4. Cellular phones are **not** allowed in the examination room.
- 5. Write your Examination Number on every page of your answer booklet(s).

This paper consists of 3 printed pages.

## SECTION A (36 Marks)

Answer all questions in this section.

- 1. Give four characteristics of a good teaching and learning aid.
- 2. Mention four advantages of a Block Teaching Practice as a part of training to a student teacher.
- 3. State the difference between formative and summative evaluation as used in teaching Agriculture.
- 4. State four objectives of establishing a school farm as a laboratory in a biased Agriculture Secondary School.
- 5. List four (4) importance of a lesson plan.
- 6. State the four qualities of a good agriculture text book.
- Give four advantages of using a real object as a teaching and learning aid when teaching Agriculture science.
- 8. List four (4) different methods used to assess pupils achievement attained from a class of Agriculture science.
- 9. List the four components of a lesson plan excluding the preliminary informations.

#### SECTION B (40 Marks)

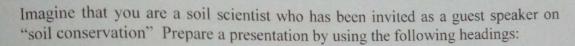
Answer all questions in this section.

- 10. Note taking is a good teaching technique.
  - (a) Describe six (6) guidelines that pupils should follow when taking notes during a lesson.
  - (b) Name other two (2) teaching techniques which can be used when teaching Agriculture Science.
- 11. You have invited a livestock officer as a guest speaker on the topic "Animal Nutrition" and subtopic "Feeds and Feeding". Referring to Dairy Nutrition, prepare a summary of the guests's talk to be discussed by your pupils after the presentation.

### SECTION C (24 Marks)

Answer two (2) questions from this section.

- Suppose that you are teaching Form Three pupils about "Farm Records". Make a concise summary of meaning and importances of Farm Records that you will target your pupils to know by the end of the lesson.
- A school farm is a very important teaching/learning resource for Agriculture Science. Write at least six importances you will present to your Head of School to convince him/her to establish a school farm in your school.



- (a) Meaning of soil erosion
- (b) Agents of soil erosion
- (c) Effects of soil erosion © 🔊 🖰
- (d) Control of soil erosion 🔊 🕀 🕦 🕀 🕀
- 15. (a) Show a layout of a lesson plan.
  - b) "Link", 'motivate" and "over-view" are very important in lesson introduction. Describe the role of each one.

