



MACHAKOS UNIVERSITY

University Examinations for 2016/2017

SCHOOL OF AGRICULTURE AND NATURAL RESOURCES MANAGEMENT

DEPARTMENT OF AGRICULTURAL EDUCATION AND EXTENSION

EXAMINATION FOR DIPLOMA IN AGRICULTURAL EDUCATION AND
EXTENSION

EAG 0323: SPECIAL METHODS OF AGRICULTURE

Date: 29/11/2016

Time: 2:00 – 4:00 pm

INSTRUCTIONS:

Answer Question One and Any Other Two Questions

QUESTION ONE (COMPULSORY) (30 MARKS)

- a) i) Define the term 'objective' in relevance to agriculture learning. (2 marks)
- ii) Outline **twelve** general objectives of secondary school agriculture in Kenya (12 marks)
- b) i) Explain **four** aspects by which learning objectives facilitate effective learning of agriculture? (4 marks)
- ii) Explain **six** problems faced by the agriculture teachers in facilitating the learning of agriculture in secondary schools (12 marks)

QUESTION TWO (20 MARKS)

- a) Outline **five** administrative and **five** professional responsibilities of an agriculture teacher (10 marks)
- b) Explain **five** qualities of an agriculture teacher (10 marks)

QUESTION THREE (20 MARKS)

- a) i) Distinguish between a resource, a facility and a teaching method in teaching agriculture education giving one example in each (6 marks)
- ii) Explain **three** possible sources of teaching and learning resources in agriculture (6 marks)
- b) Explain **four** ways, teaching and learning resources can be helpful to the teacher and learners in a real life agriculture classroom setting. (8 marks)

QUESTION FOUR (20 MARKS)

- a) Explain **five** characteristics of an effective teaching / learning resources. (10 marks)
- b) Explain **five** methods of selecting and utilizing resources in teaching agriculture. (10 marks)

QUESTION FIVE (20 MARKS)

- a) Explain **four** principles used to translate agricultural education syllabus into a teaching material. (8 marks)
- b) Explain **seven** importance's of lesson planning to a teacher. (7 marks)
- c) List **five** points considered in scheming an agriculture lesson. (5 marks)