



MACHAKOS UNIVERSITY

University Examinations for 2016/2017

SCHOOL OF AGRICULTURE AND NATURAL RESOURCE MANAGEMENT

DEPARTMENT OF AGRICULTURAL EDUCATION AND EXTENSION

**SECOND YEAR FIRST SEMESTER EXAMINATION FOR
BACHELOR OF SCIENCE IN AGRICULTURAL EDUCATION AND
EXTENSION**

**EAP 201: CURRICULUM DEVELOPMENT IN AGRICULTURAL
EDUCATION AND EXTENSION**

DATE: 8/12/2016

TIME: 8:30 – 10:30 AM

INSTRUCTIONS:

Answer Question One (Compulsory) And Any Other Two Questions

QUESTION ONE (COMPULSORY) (30 MARKS)

- (a) Explain five principles curriculum developers use to translate secondary school agriculture syllabus into teaching content in Kenya. (10 marks)
- (b) Explain what is meant by “curriculum engineering.” (2 marks)
- (c) Highlight four factors that determine successful process of curriculum development. (8 marks)
- (d) Outline five aspects considered during curriculum planning. (5 marks)
- (e) Explain five emerging issues in secondary school agriculture curriculum. (5 marks)

QUESTION TWO (20 MARKS)

- (a) Explain six characteristics of good instructional objectives as used in curriculum development. (12 marks)
- (b) Explain four benefits of curriculum evaluation. (8 marks)

QUESTION THREE (20 MARKS)

- (a) Explain four dimensions useful during development of an agricultural education curriculum. (10 marks)
- (b) Outline the key questions in the Tyler model of curriculum design. (10 marks)

QUESTION FOUR (20 MARKS)

- (a) Outline five barriers to effective curriculum implementation in secondary school of agriculture in Kenya. (10 marks)
- (c) Describe any five factors causing curriculum change in Kenyan Schools. (10 marks)

QUESTION FIVE (20 MARKS)

- (a) Use a flow chart to describe the process of curriculum development for secondary school agriculture in Kenya. (10 marks)
- (b) Outline five areas of curriculum innovation in secondary school agriculture in Kenya. (10 marks)