



MACHAKOS UNIVERSITY

University Examinations for 2018/2019 Academic Year

SCHOOL OF AGRICULTURAL SCIENCES

DEPARTMENT OF AGRICULTURAL EDUCATION AND EXTENSION

FOURTH YEAR SPECIAL/SUPPLEMENTARY EXAMINATION FOR

BACHELOR OF SCIENCE IN AGRICULTURAL EDUCATION AND EXTENSION

AEE 435/KEE 101: AGRICULTURAL EXTENSION AND RURAL DEVELOPMENT

DATE:

TIME:

INSTRUCTIONS:

Answer question one and two other questions

QUESTION ONE (COMPULSORY): 30 MARKS

- Define the following terms (i) Agricultural extension; (ii) Rural transformation (4 Marks)
- Differentiate between diffusion and adoption of a technology or an innovation (4 Marks)
- Explain the rationale for agricultural extension to developing countries like Kenya (6 Marks)
- Outline three challenges faced by extension agents and farmers in extension service provision (6 Marks)
- Explain the six components of a communication process in extension service provision (10 Marks)

QUESTION TWO 20 MARKS

- Describe the five adopter categories of a technology or innovation (10 Marks)
- Explain what happens in each of the six stages of technology or innovation adoption process (10 Marks)

QUESTION THREE 20 MARKS

- What are the resultant effects of decentralization strategy for rural transformation? (10 Marks)
- Describe 5 project evaluation approaches (10 Marks)

QUESTION FOUR 20 MARKS

- Explain 5 factors that affect effective extension service delivery in developing countries like Kenya (10 Marks)
- Describe five general phases of a project (10 Marks)

QUESTION FIVE 20 MARKS

- What measures should a country put in place to achieve an effective extension service provision programme? (10 Marks)
- Why are the five processes involved in project planning and management are done (10 Marks)