



W1-2-60-1-6
**JOMO KENYATTA UNIVERSITY
OF
AGRICULTURE AND TECHNOLOGY**

University Examinations 2018/2019

**THIRD YEAR FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR
OF SCIENCE IN LAND RESOURCE PLANNING AND MANAGEMENT**

ALP 2302 : CONSERVATION AGRICULTURE AND DRY LAND FARMING

DATE: APRIL 2019

TIME: 2 HOURS

**INSTRUCTIONS: ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER
TWO QUESTIONS.**

QUESTION ONE (30 MARKS)

- (a) Define the following terms: [4 marks]
- (i) Conservation agriculture.
 - (ii) Response farming.
- (b) Discuss briefly three problems a farmer practicing dry land farming in Kenya is likely to face. [6 marks]
- (c) Explain how sustainability can be achieved in dry land farming. [10 marks]
- (d) Explain how conservation agriculture contributes to environmental sustainability. [10 marks]

QUESTION TWO (20 MARKS)

Discuss how agroforestry can be used to improve productivity in dry land farming. [20 marks]