



SOUTH EASTERN KENYA UNIVERSITY

UNIVERSITY EXAMINATIONS 2016/2017

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN RANGE MANAGEMENT

ARM 405: RANGE LIVESTOCK PRODUCTION SYSTEMS

DATE: 10TH APRIL 2017

TIME: 10.30 -12.30 PM

SECTION A (30 MARKS)

Answer all questions

- Q1. List any ten (10) strategies that pastoral communities use to cope with the harsh environment of the rangelands (10 Marks).
- Q2. Briefly explain any five (5) objectives of a grazing system (10 Marks).
- Q3. Briefly discuss the five (5) major grazing systems practiced in range lands (10 Marks)

SECTION B (40 MARKS)

Answer any two (2)

- Q4. Describe the key adaptations of domestic livestock species that assist them to survive in hot and arid environments (20 Marks).
- Q5. Discuss the five (5) steps used in the development of a grazing plan (20 Marks).
- Q6. Discuss five (5) socio-economic issues that need to be addressed in integrated livestock wildlife production systems (20 Marks).