

## KENYATTA UNIVERSITY **UNIVERSITY EXAMINATIONS 2010/2011** OPEN, DISTANCE AND E-LEARNING EXAMINATION FOR THE DEGREE OF BACHELOR OF EDUCATION AND BACHELOR OF SCIENCE

	SBT 407: ARID LAND ECOLOGY				
	DATE:	Saturday 9 <sup>th</sup> July 2011	TIME:	8.00a.m - 10.00a.m	
	INSTRUCT Answer ALL	TIONS: . questions in SECTION A and ar	ıy ONE question iı	n SECTION B. Answers	
	in SECTION	A should be concise and should	be written in the sp	paces provided below	
	each question	1.			
Se	ction A: Shor	t answer questions (40 marks	3)		
1.	Explain the c	auses of a drought crisis.			
2.	Differentiate	between rehabilitation and re	clamation of lan	d.	

3. List major achievements of ALDEV.

5. List <u>five</u> problems of afforestation in ASAL.
6. Briefly discuss three soils found in ASAL
7. Describe <u>two</u> agronomic soil and water conservation methods.
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4. Name  $\underline{\text{five}}$  crop-plants adapted to eco-climatic zome V.

8. Discuss two methods of reducing salinity in agricultural land.

Section B: Essay (30 marks). Write an essay on any <u>one</u> of the following.

- 1. Issues of economic development in ASAL.
- 2. Physical water and soil conservation methods.
- 3. Grazing management in ASAL ·