

ALP 2406: Land evaluation I. CAT II 2.11.2016

Instructions

Answer all questions: Illustrate your answers as necessary.

- 1.a. Describe the wider matching process in land evaluation
- b. Discuss the nature and effect, and assessment of the land qualities;
 - i) Availability of moisture ✓
 - ii) Possibility for mechanization ✓
- c. Give a detailed description of the role of land evaluation in Land use planning

Order classes - Regime
sub-classes
units

Revised
Eo

2. (a) * Discuss the principles/objectives of the USBR system
- b. Describe the classification categories of the FAO Framework for land evaluation
- c. Discuss the nature and effect, and assessment of the land qualities;
 - i) Resistance to erosion.
 - ii) Availability of oxygen

To
8

- 3.a) Define the following terms:
 - i. land ✓
 - ii. land capability ✓
 - iii. Land suitability - ✓
 - iv. Payment capacity - ✓
- b) * Discuss the procedure for conducting suitability classification according to the USBR System

✓ Describe the four irrigable classes of the USBR System.
1, 2, 3, 4.