

ALP 2411: LAND EVALUATION II. CAT 2

29/05/2017

Answer all questions.

- 1 a) Define the following terms :
- iii. Land class
 - iv. Diagnostic criteria
 - iii. Relative payment capacity
 - iv. Land utilization type
- b) Describe the aims and objectives of and procedure of the USBR System.
- c) Discuss the principles underlying the FAO Framework for land evaluation.
- 2 a) Name and describe the arable suitability/capability classes used in the following systems
- i) USBR System.
 - ii) USDA-SCS land capability classification system
- b) Explain how the following classes differ from other classes in the same system:
- i. V
 - ii) 5
 - iii) S1
- 3 Discuss the concept of matching and explain how it is conducted in Land evaluation.
- 4 a) Define the following terms:
- i. land use planning
 - ii. Payment capacity
- b) Describe the nature, effect and assessment of the following land qualities
- i. Resistance to Erosion
 - ii. Nutrient retention
- c) Explain the role of soil survey and land evaluation in the land use planning process
- d) Discuss the goals and objectives of land use planning.

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