

1. a) Define land evaluation and discuss its role and importance in land use planning.
b) Define the terms 'potential' and 'current' suitability and explain the conditions under which they are used in land evaluation.
2. a) Explain how the concept of Land Use Requirement (LUR) is employed in land evaluation.
b) Describe the differences between land 'suitability' and 'capability'.
3. a) Define the following terms;
 - i. Land mapping unit
 - ii. land quality
 - iii. Diagnostic Criteria
 - iv. Land Utilization type (LUT)b) Name and explain some four key attributes used to define LUT's
c) Define the following LUT's
 - i) ✓ Multiple LUT
 - ii) ✓ Compound LUT
4. a) Describe the six basic principles of the FAO-Framework for land evaluation.
b) Outline the two approaches employed in the Framework for land evaluation
c) Discuss the nature and effect, and assessment of the land qualities;
 - i) Availability of moisture
 - ii) Availability of oxygen