

Answer all questions

Time: 2 hours

1.
 - a) List different factors governing the selection of a cropping system in a given area.
 - b) List the cropping pattern and systems adopted in Sri Lanka.
 - c) Briefly describe the perennial based cropping system practiced in Coconut.

2.
 - a) Briefly explain the Interspecific and Intraspecific interactions among mixed cropping.
 - b) "Poly cultural systems increases the quality and Stability of yield" justify the statement with your explanation.

3.
 - a) List the advantages and disadvantages of mono-culture forest.
 - b) Explain the "Protective and Ameliorative" functions of the forest.

4. Write short notes on the following;
 - a) Land Equivalent Ratio (LER).
 - b) Vernalization.
 - c) Management of Fruit drop during fruit growth and development.