

ALP 2314: RESEARCH METHODS
CONTINUOUS ASSESSMENT TEST

1. Articulate arguments along which significance of research is understood

Marks)

(15

② A researcher is interested in investigating impacts of soil water conservation technologies on crop yield: a case study of JKUAT farm. From the above statement

- a) Formulate a research problem (15 Marks)
- b) Formulate three research questions and three hypothesis and show how they adhere to the qualities of effective questions and hypothesis (15 Marks)
- c) Outline an experimental design to test one of the research hypothesis and show how the principles of replication and randomization are factored in (15 Marks)