

EASTERN UNIVERSITY, SRI LANKA
FINAL YEAR, FIRST SEMESTER EXAMINATION IN AGRICULTURE – 2014/2015
SOIL CHEMISTRY (AC – 4107)
(May – June 2017)



Answer all questions
Time: One Hour

Explain the formation of a double layer model that visualizes the ionic environment in the vicinity of a charged colloid . **(50 Marks)**

“DLVO theory explains the tendency of colloids to agglomerate or remain discrete”

Explain the statement.

(50 Marks)

Briefly explain about the buffer solutions at different pH levels.

(70 Marks)

Explain some buffer mechanisms in soil to resist pH change

(30 Marks)