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(Knowledge for Development)

KIBABII UNIVERSITY

UNIVERSITY EXAMINATIONS 2019/2020 ACADEMIC YEAR

SECOND YEAR 1ST SEMESTER SPECIAL/SUPPLEMENTARY EXAMINATIONS

FOR THE DEGREE OF BACHELOR OF SCIENCE IN AGRICULTURE
ECONOMICS AND RESOURCE MANAGEMENT

COURSE CODE: ASS 211/ SAB 8211.
COURSE TITLE: AGROGEOLOGY

DATE: 02/02/2021.

TIME: 8-10AM.

INSTRUCTIONS TO CANDIDATES

Answer Question ONE and ANY other TWO Questions.

TIME: 2 Hours

This paper consists of 2 printed pages. Please Turn Over



KIBU observes ZERO tolerance to examination cheating

1. a) State and briefly explain the role of Soil Scientist in agrogeology field (4 Marks)
b) Identify the sources of Phosphorus in the soils (2 Mark)
c) Discuss the advantages of Minjingu Phosphate Rocks in Agriculture (4 Marks)
d) State the main mineral found in Phosphate Rocks (1 Mark)
e) Describe the uses of Natural Zeolites in Agriculture (7 Marks)
f) Differentiate between Sedimentary PR and Igneous PR (12 Marks)
2. Describe the uses of Sulphur and Pyrite agrominerals in agricultural fields (20 Marks)
3. a) Discuss the Rock forming minerals of Micronutrients (16 Marks)
b) Describe the uses of Peat agromineral (4 Marks)
4. Discuss the various Agrogeological Liming Materials used in Agriculture (20 Marks)
5. Discuss the uses of Gypsum as an agrominerals in Agriculture (20 Marks)