



# MACHAKOS UNIVERSITY

University Examinations 2018/2019

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL SCIENCES

FIRST YEAR SECOND SEMESTER EXAMINATION FOR

DIPLOMA IN EDUCATION (ARTS)

AGE 0104: PRACTICAL GEOGRAPHY

DATE: 7/5/2019

TIME: 2.00-4.00 PM

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## INSTRUCTIONS

Answer Question One and any other Two Questions

### QUESTION ONE (30 MARKS)

- a) Explain the term map (3 marks)
- b) Identify the four major types of maps (4 marks)
- c) Describe the three types of scales used on a geographical map. (9 marks)
- d) Why is understanding key/legend an important skill when reading a topographical map (6 marks)
- e) Using a well labeled diagram describe the different types of drainage patterns (8 marks)

### QUESTION TWO (20 MARKS)

Discuss the indicators that you would use to identify the rock structure and the rock type of mapped area

### QUESTION THREE (20 MARKS)

Describe some of the methods you would use to interpret relief on a topographical map

**QUESTION FOUR (20 MARKS)**

- a) The Table below shows the dairy herd size by region in New zealand in 2012 use these information to construct a choropleth map (16 marks)

**The Dairy herd size by region in New zealand by 2012**

<b>Farming Regions</b>	<b>Total cows</b>
North land	279,429
Auckland	109,577
Waikato	1,139,842
Bay of plenty	191,537
King country	278,665
Otago	230,837
Southland	505,740

- b) Give the advantages of choropleth maps (4 marks)

**QUESTION FIVE (20 MARKS)**

- a) Explain 6 uses of photograph (6 marks)
- b) Examine the basic elements of Aerial photography (14 marks)