

GATITU SECONDARY SCHOOL

FORM 3 GEOGRAPHY MIDTERM EXAMINATION TERM 1 2016

Attempt all questions in this paper

1) The table below shows production of rice from irrigation schemes in Kenya between 1998 and 2001

Irrigation scheme/year	1998	1999	2000	2001
mwea	21352	31876	44830	45810
ahero	968	1836	1497	222
West kano	1606	1976	1580	1742
bunyala	728	837	500	491
total	24654	36525	48407	49265

a) Draw proportional divided circles to represent the data. Show all calculations. (8mks)

b) Give conclusions that can be drawn from the circles that you have drawn (4mks)

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2. Study the map of Migwani 1:50,000 (sheet 151/1) provided and answer the following questions.

- (a) (i) Give the longitudinal extent of the area covered by the map. (2 marks)
- (ii) What is the magnetic variation of the map? (1 mark)
- (iii) Give the six-figure grid reference for the junction of the roads D503 and D507. (2 marks)
- (b) (i) Using a vertical scale of 1 cm to represent 100 metres, draw a cross section along the line marked J-K. (4 marks)
- (ii) On it, mark and label the following:
- footpath; (1 mark)
 - road; (1 mark)
 - water pipeline; (1 mark)
 - steep slope. (1 mark)
- (iii) Calculate the vertical exaggeration of the cross-section. (2 marks)
- (c) Citing evidence from the map, give **three** economic activities carried out in the area covered by the map. (6 marks)
- (d) Explain how relief has influenced the distribution of settlement in the area covered by the map. (4 marks)

c) What percentage of the total production was contributed by Bunyala scheme in 2001?show all workings (2mks)

d) Give any 4 advantages of using proportional divided circles(.4mks)

e) Give any two disadvantages of using proportional divided circle as method of data presentation.(2mks)

3)a)Describe 4 physical factors and three human factors that favour tea growing(7mks)

b) Describe 5 conditions required for growing sugarcane successfully in Kenya. (5mks)

c) Explain six problems facing sugarcane farmers in Kenya. (6mks)

d) State the uses of maize in Kenya (6mks)

e) What is the importance of palm oil to Nigeria economy? (5mks)

4)a) Define the term weathering(1mk)

b) Mention any 4 agents of weathering(4mks)

c) Name 5 factors that influence weathering (5mks)

d) Name six ways in which mechanical weathering takes place(6mks)

e) Briefly explain the following

i) exfoliation(4mks)

ii) crystal growth(4mks)

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