

KCSE CLUSTER TESTS 11

Geography Paper 1

SECTION A (25 Marks)

Answer all questions in this section

1.

The diagram below represents features produced by faulting. 5 marks

2.

- a) What is desertification. (2 marks)
- b) State three negative effects of desertification. (3 marks)

5 marks

3.

- a) Name two scales used to measure the intensity of an earthquake. (2 marks)
- b) Give three causes of earthquakes. (3 marks)

5 marks

4.

- a) Apart from water vapour, name two other substances that are suspended in the atmosphere. (2 marks)
- b) Give three factors that are considered when classifying clouds. (3 marks)

5 marks

5.

- a) What is a lake. (2 marks)
- b) State three ways in which lakes are formed. (3 marks)

5 marks

SECTION B (65 Marks)

Answer question 6 and any other two questions.

6.

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

- a)i) Convert the ratio scale of the map into statement scale. (2 marks)
- ii) Identify two man made features in grid square 0769. (2 marks)
- iii) Determine the direction and bearing of the spot height at grid reference 9264 from Usiani School at grid reference 9568. (2 marks)
- iv) Identify the adjoining sheet of Migwani (151/1) to the North East. (1 mark)
- bi) Measure the length of Dry weather road from Zombe and Kitui at grid reference 100620 to the junction at Yoonye at grid reference 1170. Give your answer in kilometres and metres (2 marks)
- c)i) Draw a rectangle measuring 8 cm by 6 cm to represent the area enclosed eastings 00 and 08 and Northings 78 and 84. On the rectangle mark and name the following. i. Dry weather road. ii. Muanzoa quarry
- iii. Kagoue river (5 marks)
- d) Give the scale of your rectangle in (c) above. (2 marks)

- e) Citing evidence from the map, identify four social functions of Gwani shopping centre. (4mks)
 f) Describe the relief of the area covered by the map. (5 marks)

25 marks

7. a) On the outline of the map of Africa, name the features marked X, Y and Z. (3 marks)



- b) i) Name four types of folds. (4 marks)

ii) With the aid of well labeled diagrams, describe the function of fold mountains. (10mks)

c) Explain four ways in which Fold Mountains influence human activities. (8 marks)

25 marks

8.

a) State four factors that determine the amount of surface run off. (4 marks)

b) Describe three ways in which a river transports its load.

c) Use diagrams to describe the following drainage patterns. (6 marks)

i. Dendritic

ii. Trellis

iii. Centripetal

d) A form four class is planning to carry out field study of a waterfall.

i. State five ways in which they would prepare for the study. (5 marks)

ii. Give four methods they would use to collect information at the waterfall. (4 marks)

25 marks

9.

The map below shows some vegetation regions of the world. Use it to answer questions (a) to (c).

a) Name the temperature glasslands marked H, J and K. (3 marks) 25 marks

10.

.a) i) What is soil catena. (2 marks)

ii) Draw a labeled diagram of a well developed soil profile. (5 marks)

iii) State three characteristics of soil found in arid areas of Kenya. (3 marks)

- b) Give three factors that determine soil colour. (3 marks)
- c) Describe how laterization takes place. (6 marks)
- d) Explain how the following farming practices cause soil erosion.
 - i) Burning (2 marks)
 - ii) Continuous application of fertilizer on farm lands. (2 marks)
 - iii) Monoculture (2 marks)

25 marks