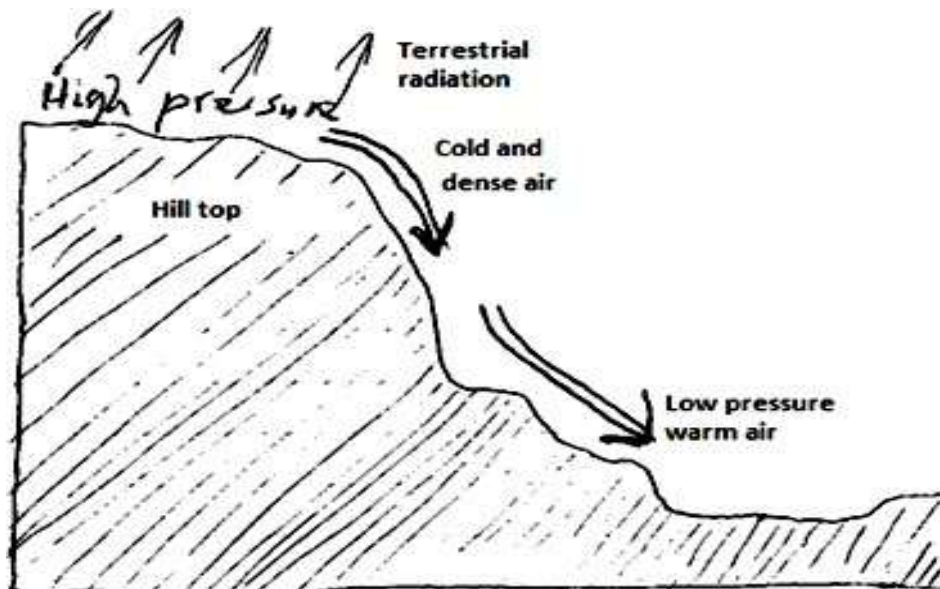


FORM FOUR CLUSTER KCSE MODEL 7

GEOGRAPHY PAPER 1 QUESTIONS

SECTION A (25 Marks)

- (i). Name the two planets which are referred to as 'the twin planets' (2 marks)
 - (ii). State the reason which makes Saturn a unique planet. (1 mark)
 - (i). Name the forces which are responsible for the shape of the earth. (3 marks)
 - (ii). What is equinox? (1 mark)
- Use the diagram below to answer the questions that follow.



- (i). Name the local wind shown in the diagram. (1 mark)
 - (ii). Describe how the wind in (i) above develops. (3 marks)
- (i). What is an isothermal layer? (1 mark)
 - (ii). Name the four main layers of the atmosphere. (4 marks)
- (b). State the importance of the ozone layer. (1 mark)
- (a). State the plate tectonics theory (1 mark)
 - (b). Give two characteristics of plate tectonic boundaries. (2 marks)

5. (a). Identify two types of coasts which result from submergence of upland coasts.(2 marks)
- (b). State three conditions which favour the growth of coral polyps. (3 marks)

SECTION B (75 Marks)

6. Study the map of Kitale (1: 50,000) sheet 75/3 provided and answer the following questions.

- (a). (i). Give any two scales used on the map extract. (2 marks)
- (ii). Give the six-figure grid reference of the tank to the S-W of Delgany Farm. (1 mark)
- (iii). Identify two methods of showing relief which are used in the map extract (2 marks)
- (b). (i). Citing evidence from the map, name four types of vegetation in this area. (4Marks).
- (ii). Calculate the area of Kiptaberr Forest. (Give your answer in Km².) (2 marks)
- (c). Describe the drainage of the area covered by the map extract. (4 marks)
- (d). Draw a rectangle measuring 10 cm and 8 cm from easting 30 to 40 and northing 12 to 20. In it mark and name.
- (i). a dry weather road.
- (ii). a river.
- (iii). a bridge
- (iv) a swamp. (5 marks)
- (e). Student of Suwerwa School intend to carry out a field study in Kiptaberr Forest.
- (i). Suggest any two methods of data collection which they would use. (2marks)
- (ii). Give any three methods they would use to record their data. (3 marks)
7. (a). (i). Distinguish orogenic from epeirogenic earth movements. (2 marks)
- (ii). State four causes of earth movements. (4 marks)
- (b). (i). Outline theories which explain the formation of Fold Mountains. (8marks)
- (ii). Apart from fold mountains, name four other landforms which result from the process of folding. (4 marks)

(c). State three negative effects of folding in the human environment. (3 marks)

(d). You intend to carry out a field study in a folded landscape.

(i),. State two objectives for your study. (2 marks)

(ii). Give two reasons which would make it necessary for you to have a work schedule. (2 marks)