

<i>Instrument</i>		<i>Element</i>
v.	Wind vane	Wind direction
vi.	Anemometer	Wind speed
vii.	Sunshine Recorder	Sunshine

Question 6

Study the map of Kipkabus (1:50,000), sheet 104/1 provided and answer the following questions.

- (a) (i) Give the latitude and longitude of the Southwest corner of the map extract. (2 marks)
- (ii) What is the area of Tingwa Hill Forest? (2 marks)
- (b) (i) Name the planted vegetation in the area covered by the map. (1 mark)
- (ii) Explain how relief and human activities have influenced the distribution of natural vegetation in the area covered by the map. (4 marks)
- (c) (i) Using a vertical scale of 1 cm to represent 100 metres draw a cross-section along the line marked X – Y. (5 marks)
- (ii) On the cross section mark and label the following:
a steep slope
a hill
a col
a river valley (4 marks)
- (iii) Calculate the vertical exaggeration of the cross section. (2 marks)
- (d) Students of Chepketert school carried out a field study of Kipkabus town.
- (i) Name **two** types of roads they used to travel to Kipkabus. (2 marks)
- (ii) State **three** functions of Kipkabus that they identified. (3 marks)

This question tested candidates' mastery of skills in map reading and interpretation.

The skills tested were:-

- Identification of latitude and longitude.
- Calculation of area
- Identification of vegetation on a map
- A description of how relief and human activities influence the distribution of natural vegetation.