GATITU SECONDARY SCHOOL

FORM 3 GEO MIDTERM TERM 2 2015

Name ……………………………………………..Class…………Adm. No…………

Attempt all questions in this paper

1.(a) Study the map of Kitale (1:50,000) (sheet 75/3) provided and answer the following questions:
  (i)   What was magnetic variation when the map was prepared in 1960?   (1mk)

  (ii)   Identify **two** counties represented by the area covered by the map.   (2mks)

(b) (i)   Give the latitudinal extend of the area covered by the map.   (2mks)

  (ii) Give the six figure, grid reference of trigonometric station 7586 west of Dafina Estate.(2mks)
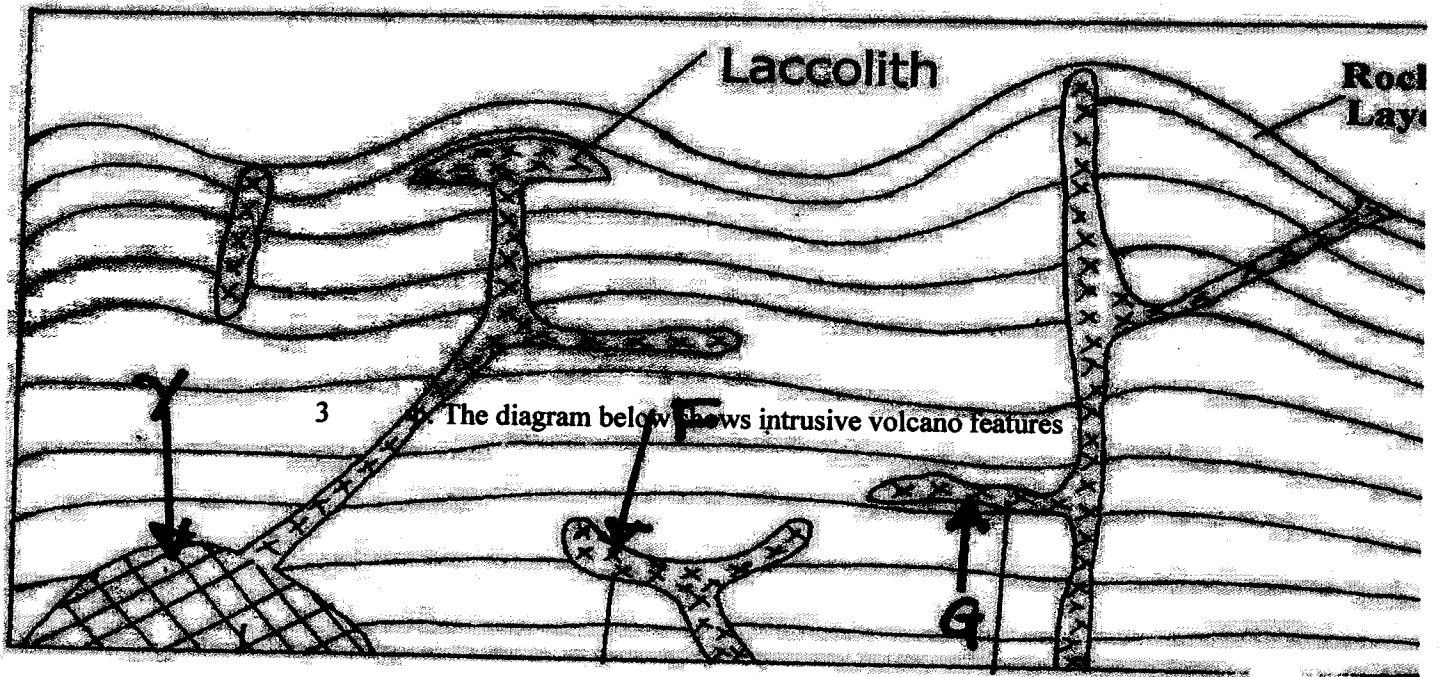
(c) (i)   Find the distance of All weather loose surface road C641 from the junction in grid square 2413 to the   junction in grid square 3121. Give your answer in km.   (2mks)

  (ii) What is the area of Kitale Municipality in km^2?   (2mks)

(d) Draw a rectangle 6cm by 4cm to represent the area enclosed by easting 34 and 40 and Northing 24 and 28. On the rectangle show: (2mks)
  (i) Saiwa swamp

(ii) Identify **three** problems they might have encounter

i. Name the features marked F, Y and Q

(3 marks)

ii. Describe how hot springs are formed; give any one example of hot spring in Kenya.

(6 marks)

c. Explain **four** negative influences of volcanic features on human activities

(8 marks)

d. Form **two** students from Kilyungi Secondary School carried out field study on metamorphic rocks around their school

i. Give **three** reasons why it is necessary to sample rocks during such a field study.

(3 marks)

ii. State **three** problems they are likely to experience during this study   . (3 marks)

(e) Define the term hydrological cycle

(2mks)

Mention the 4 major components of the cycle

(4mks)

What is cyrosphere

(2mks)

4

Give 6 significance of the hydrological cycle   (6mks)