

Study the map provided. (Yimbo 1:50,000 sheet 115/1) and answer the following questions

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KCSE Geography Paper 1 1999 Section B Question 6 with Answers.

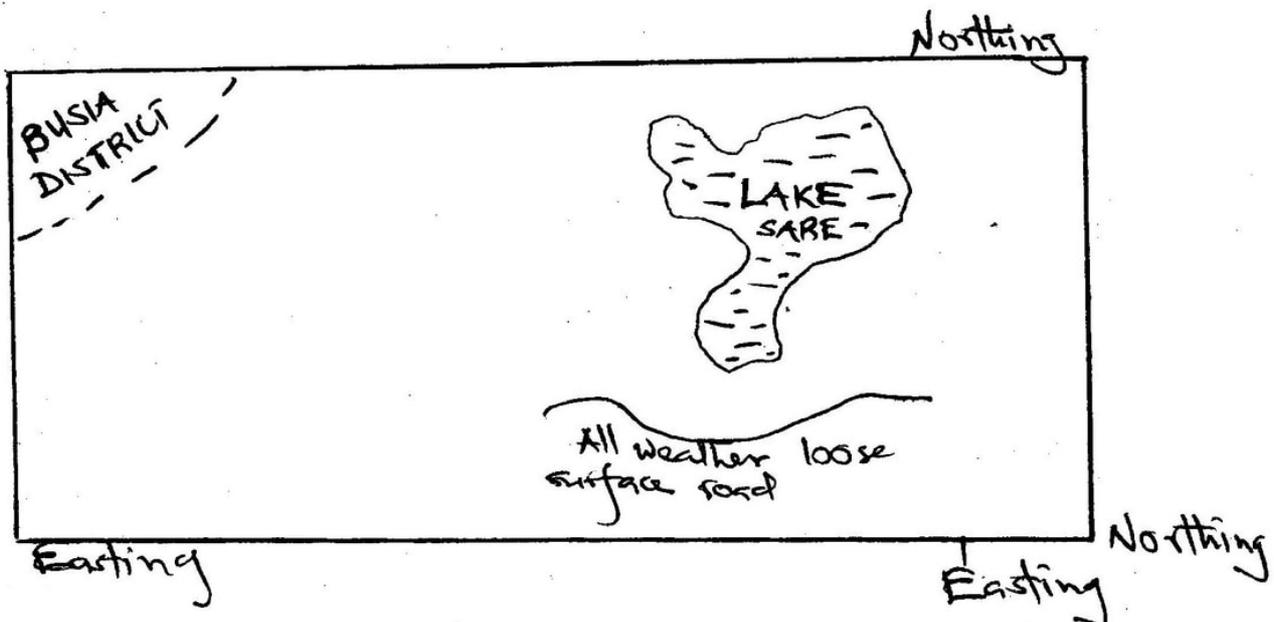
(a) (i) What is the bearing of the air photo principal point in the grid square 3274 from the trigonometrical station in the grid square 2778?

(i) $129 + 128$ to 130

(ii) Give the latitudinal extent of the area covered by the map

$0^{\circ}0' - 0^{\circ}15'$ (south) 15

(b) Draw square 15 cm x 15 cm to represent the area bounded by the Easting 12 and 20 and the Northings 90 and 99



In the square you have drawn, mark and label

(i) Busia District

(ii) Lake Sare

(iii) All weather loose surface road

- (i). Busia District
- (ii) Lake sare
- (iii) All weather loose surface road

(c) Name two features shown on the map that indicate that the area receives low rainfall.

1. Seasonal rivers
2. Seasonal swamps
3. Scattered trees/ scrub vegetation
4. Presence of water holes/ dams/ ponds

(d) Citing evidence from the map, state three economical activities carried out in the area covered by the map.

Economic activities	Evidence
• Crop growing/ grain growing	- Posho mill (grid square 3280)
• Mining	- Gold mine (grid square 3079)
• Trading / Commerce	- Market shops
• Transportation	- all weather road/ Port/ ferry
• Grain milling/ processing	- Posho mill (No evidence no mark)

(e) Describe the relief of the area covered by the map

- The land is generally undulating/ gently sloping the lake basin
- The lowest part of the area, below 1140 metres is the lake basin
- There are isolated islands in the lake
- There are some isolated hills, e.g. Usenge, Ramogi
- There are wider river valleys
- The shoreline is irregular/ has many bays
- The highest point in the area is 1318m/ the lowest parts are between 1120m and 1140

(f) Suppose you are a student from Pala school (grid square 2793) and are planning to carry out a field on the velocity of the part of river Yala shown on the map.

(i) What preparations are likely to make for the study?

1. Formulate hypothesis/ objectives
2. Make a short/ reconnaissance survey of the area to be studied
3. Prepare a route map
4. Carrying out literature review/ secondary information
5. Organize into groups
6. Make transport arrangements

7. Prepare the necessary stationery and equipment required
8. Prepare a working schedule
9. Seek permission from relevant authorities

(ii) State three problems you are likely to experience during the field study

(iii) State two follow – up activities you are likely to carry out after the field study

Map work and Field work form 3

more

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