

GEOGRAPHY

312/1

FORM FOUR

NAME.....ADM.....

INSTRUCTIONS TO CANDIDATES

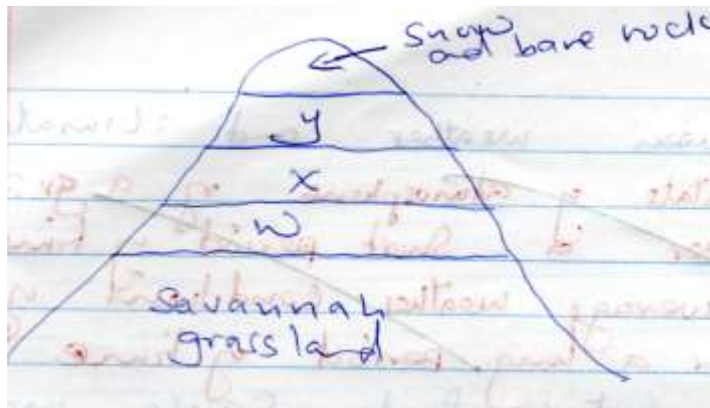
- 1 Write your name and admission number in the space provided above.
- 2 This paper has two sections A and B answer all questions in Section A.
- 3 Answer question 6 and any other two questions from section B.
- 4 Candidates should answer the questions in English.

FOR EXAMINERS USE ONLY

SECTION	QUESTIONS	MAXIMUM SCORE	CANDIDATES SCORE
A	1-5	25	
B		25	
		25	
		25	
		TOTAL SCORE	

SECTION A

1. (a) Differentiate between weather and climate. (2 mks)
(b) State three factors that cause inaccuracy of recording data in a schools weather station. (3 mks)
2. (a) What is folding (2 mks)
(b) State three factors that influence folding. (3 mks)
3. The diagram below shows arrangement of vegetation on a mountain .



- (a) Identify the vegetation zones marked. (3 mks)
W-
X-
Y-
- (b) Give reasons why mountain tops have no vegetation. (2 mks)
4. (a) Define the term soil. (2 mks)
(b) State three factors that determine colour of the soil. (3 mks)
5. (a) Name two features due to wind erosion in the desert. (2 mks)

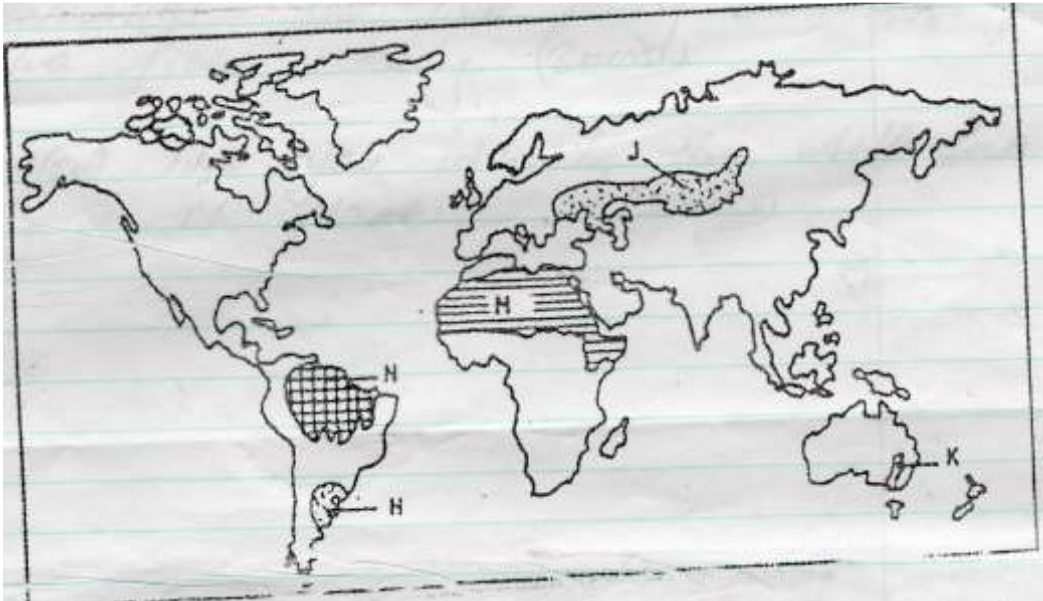
- (b) State three factors influencing wind erosion in the deserts. (3mks)

SECTION B

6. Study the map of YIMBO 1:50,000(sheet 115/1) provided answer the following questions.

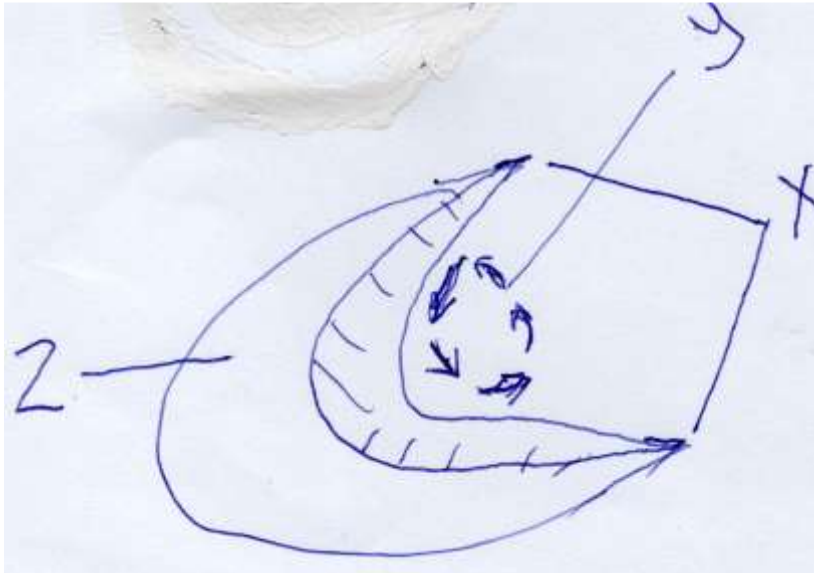
- a.) i.) Convert the representative fraction scale given on the map to a statement scale (2 mks)
- ii.) Identify three Districts that are covered by the Yimbo map (3 mks)
- b.) i.) Give the exact height of Usengi hill (1 mk)
- ii.) with evidence from the map, give any two social services that are offered in the area covered by the map (2 mks)
- c.) i.) Using a scale of 1 cm represents 20 m, draw a cross section from grid reference 320790 to grid reference 390790 (4 mks)
- ii.) On the cross section, mark and name the following:-
- A lake (1 mk)
 - Main track (motorable) (1 mk)
 - A river (1 mk)
- d.) i.) Describe the relief of the area covered by the map (4 mks)
- ii.) Explain three factors that have influenced settlement in the area covered by the map (6 mks)

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



- a) Name the temperate grasslands marked H, J and K (3mks)
- b) Describe the characteristics of the natural vegetation found in the shaded area marked N. (6 mks)
- c) (i) Explain four ways which the vegetation found in the area marked M adopts to the environmental conditions of the region. (8 mks)
- (ii) Give two reasons why the Tundra region has scanty vegetation. (2 mks)
- d) You are required to carry out a field study of the vegetation within the local environment.
- (i) Apart from identifying the different types of plants, state three other activities you will carry out during the field study. (3 mks)
- (ii) How will you identify the different types of plants? (3 mks)
8. (a) (i) Define the term glacier (2 mks)
- (ii) State three ways in which glacier moves. (3 mks)
- (b) (i) Describe the following processes of glacier erosion.
- Abrasion (3 mks)

- Plucking (3 mks)
- c) Describe how a pyramidal peak is formed. (6 mks)
- d) Explain four positive effects of glaciations in the lowland areas. (8 mks)
9. a) i) Differentiate between weathering and mass wasting. (2 mks)
- ii) Give four factors that influence the rate of weathering. (4 mks)
- iii) Name four processes of mechanical weathering. (4 mks)
- b) Explain how the following contribute to biological weathering.
- Animals (2 mks)
 - Man (2 mks)
- c) i) What is mass movement? (2 mks)
- ii) Give three types of rapid mass movement. (3 mks)
- d) Explain three positive effects of weathering on human activities. (6 mks)
10. (a) i) Name three types of desert surfaces (3 mks)
- ii) Explain three ways in which wind transports materials in the deserts. (6 mks)
- (b) The diagram below represents a barchans. Use it to answer the question (3mks)



X-----

Y-----

Z-----

- (c) By aid of well labelled diagram, describe how the rock pedestal is formed. (5 mks)
- (d) Explain four ways in which desert features are of significance to human activities. (8 mks)