



ZIMBABWE SCHOOL EXAMINATIONS COUNCIL
General Certificate of Education Ordinary Level

GEOGRAPHY

PAPER 1 Multiple Choice

4022/1

JUNE 2023 SESSION

1 hour 15 mins

1: 50 000 Survey map is enclosed with this question paper.

Additional materials:

Multiple Choice answer sheet

Soft clean eraser

Soft pencil (type B or HB is recommended)

Mathematical set

Calculator

TIME 1 hour 15 mins

INSTRUCTIONS TO CANDIDATES

Do not open this booklet until you are told to do so.

Write your name, centre number and candidate number on the answer sheet in the spaces provided unless this has already been done for you.

There are **forty** questions in this paper. Answer **all** questions. For each question, there are four possible answers, **A, B, C** and **D**. Choose the **one** you consider correct and record your choice in **soft pencil** on the separate answer sheet.

Read very carefully the instructions on the answer sheet.

INFORMATION FOR CANDIDATES

Each correct answer will score **one** mark.

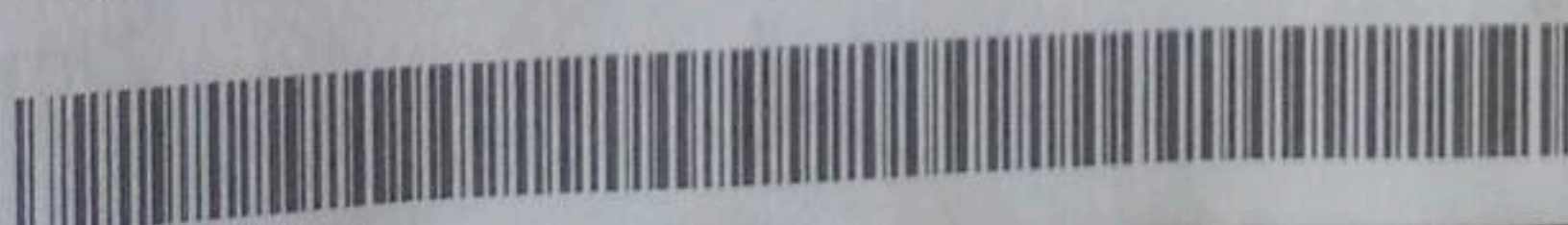
A mark will **not** be deducted for a wrong answer.

Any rough working should be done in this booklet.

This question paper consists of 16 printed pages.

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[Turn over



Mapwork

Questions 1-12 refer to 1: 50 000 map of Kildonan, Zimbabwe

- 1 Which feature is located at grid point 2387008078400?
 - A A reservoir
 - B A hut
 - C A dip tank
 - D A dam

- 2 The altitude of the staff quarters in grid 2500008066000 is
 - A 1460m.
 - B 1440m.
 - C 1420m.
 - D 1400m.

- 3 What is the length of the prospecting trench in grid reference 2460008065000?
 - A 1,5km
 - B 1,2km
 - C 1,0km
 - D 0,9km

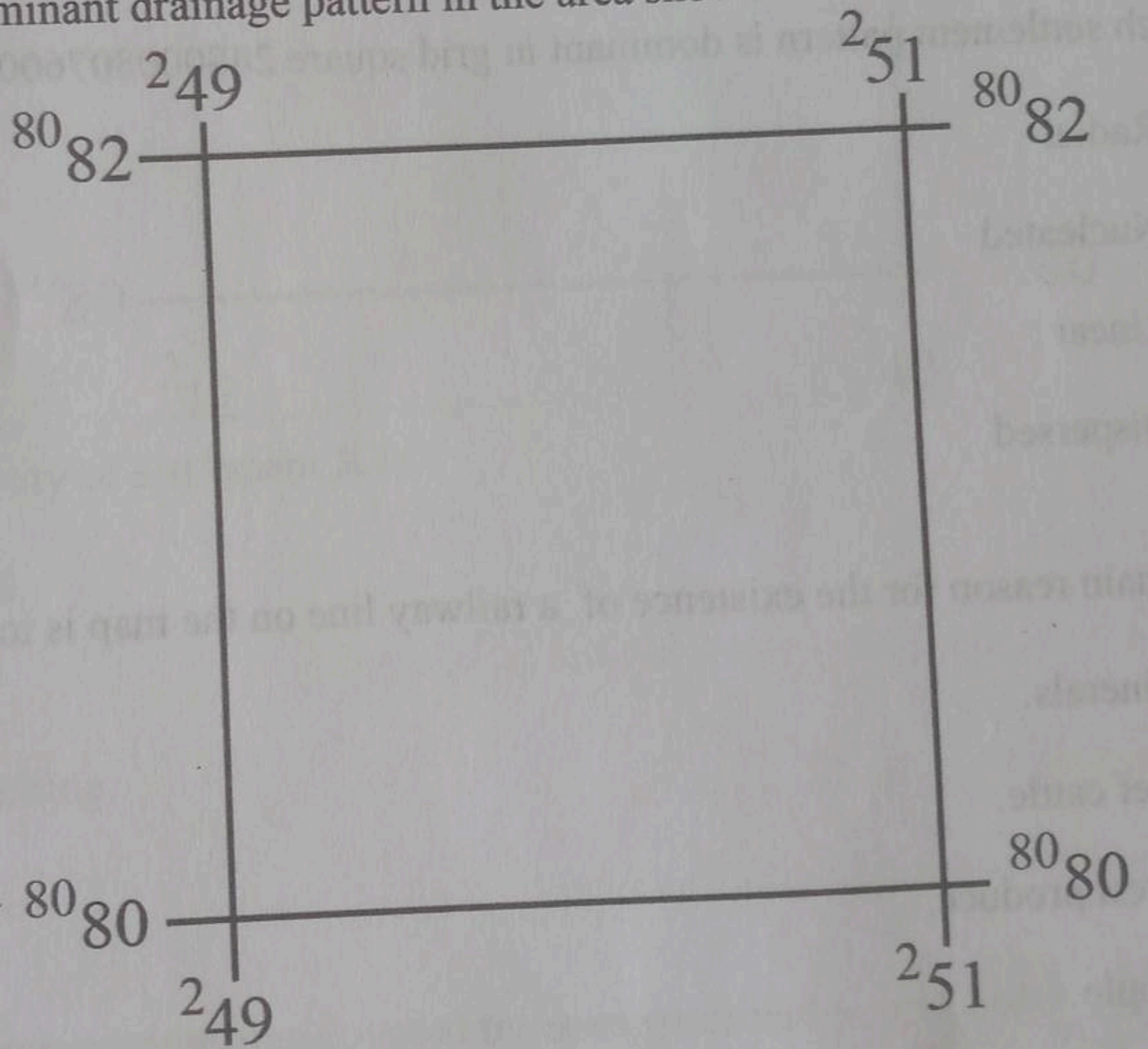
- 4 What is the general direction of flow of Murembwe river in grid reference 2390008068000?
 - A south west
 - B north west
 - C north east
 - D south east



- 5 The bearing of the spot height .1429 in grid square 2460008076000 from spot height .1284 in grid square 2440008077000 is

A 330° .
 B 230° .
 C 180° .
 D 130° .

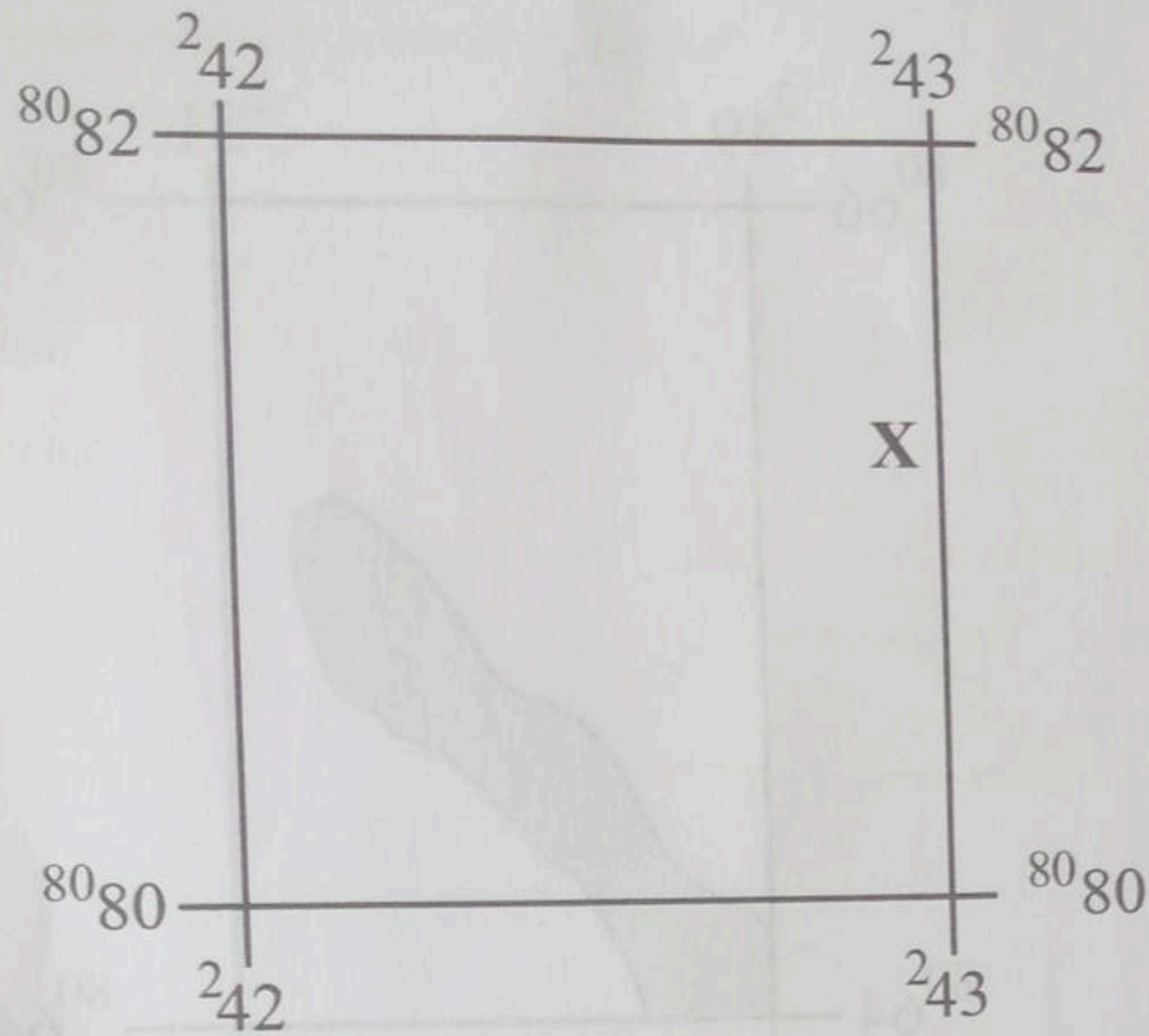
- 6 What is the dominant drainage pattern in the area shown?



A Trellis
 B Rectangular
 C Radial
 D Centripetal

- 7 The road from grid reference point 2500008072200, northeastwards, to 2507008074200 follows a
- A watershed.
 - B hilly area.
 - C plateau.
 - D ridge.
- 8 Which settlement pattern is dominant in grid square 2480008076000?
- A Radial
 - B Nucleated
 - C Linear
 - D Dispersed
- 9 The main reason for the existence of a railway line on the map is to transport
- A minerals.
 - B beef cattle.
 - C forest produce.
 - D people.

10



The main activity of settlement X is

- A residential.
- B fishing.
- C cattle ranching.
- D mining.

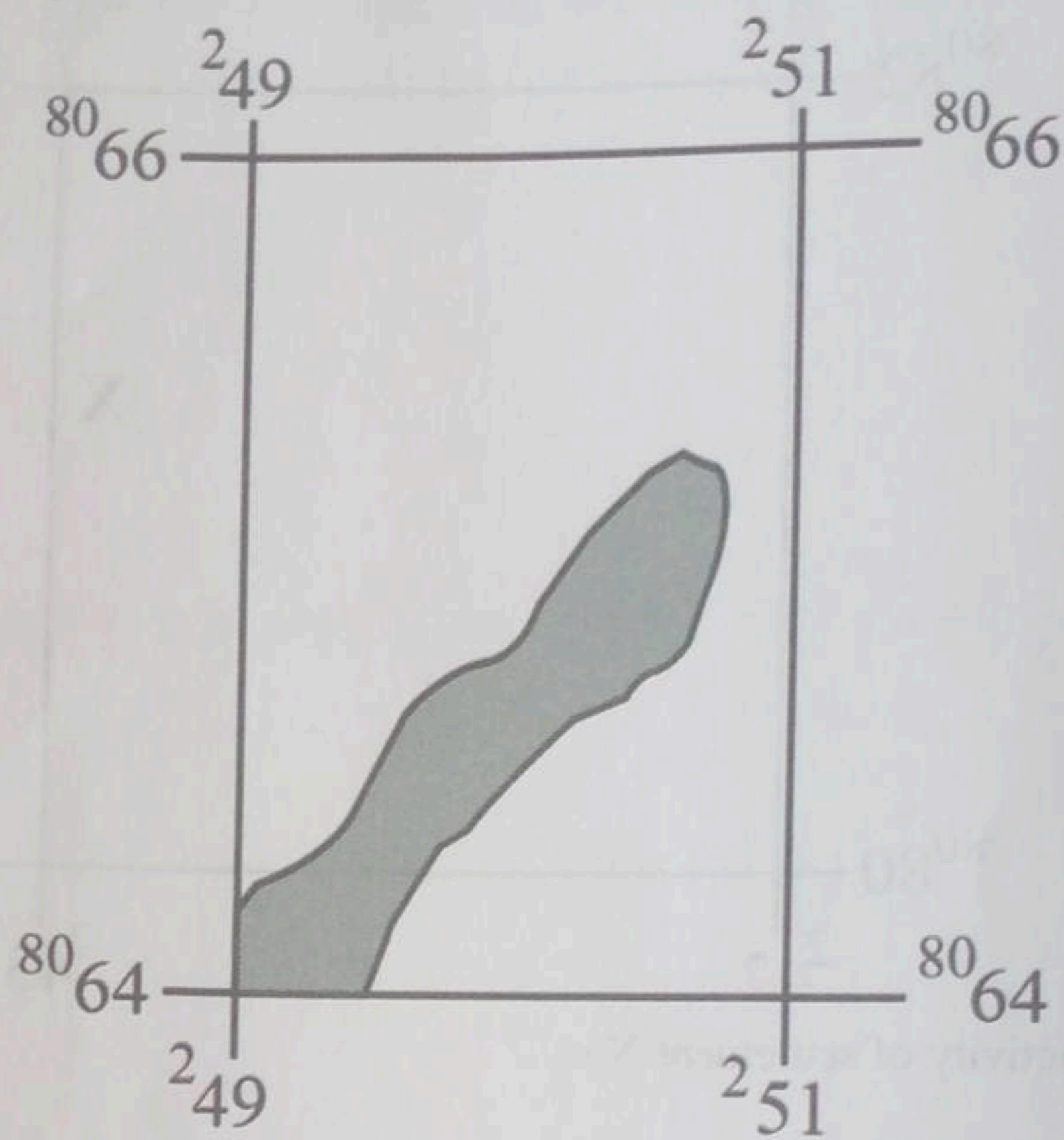
11 What is the approximate area covered by open grassland in grid 2460008071000?

- A 0,5 km²
- B 1 km²
- C 2 km²
- D 4 km²

but you can rub it off
very-sorry



12



Cultivation in the shaded area has been influenced by

- A presence of rich soils.
- B access to means of communication.
- C gently sloping land.
- D presence of a pool.

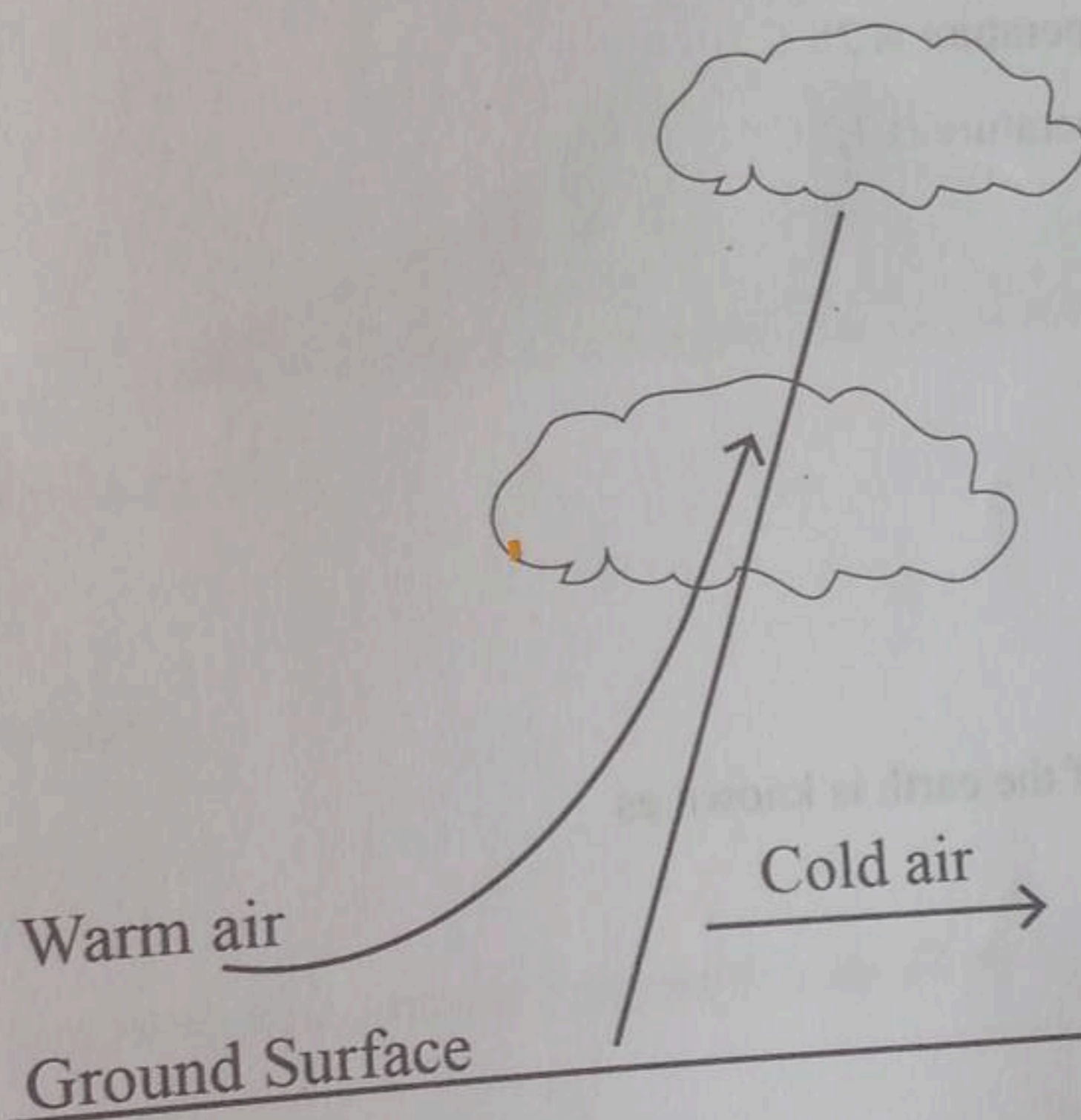


Physical Environment

13 Which cloud is associated with convectional rainfall?

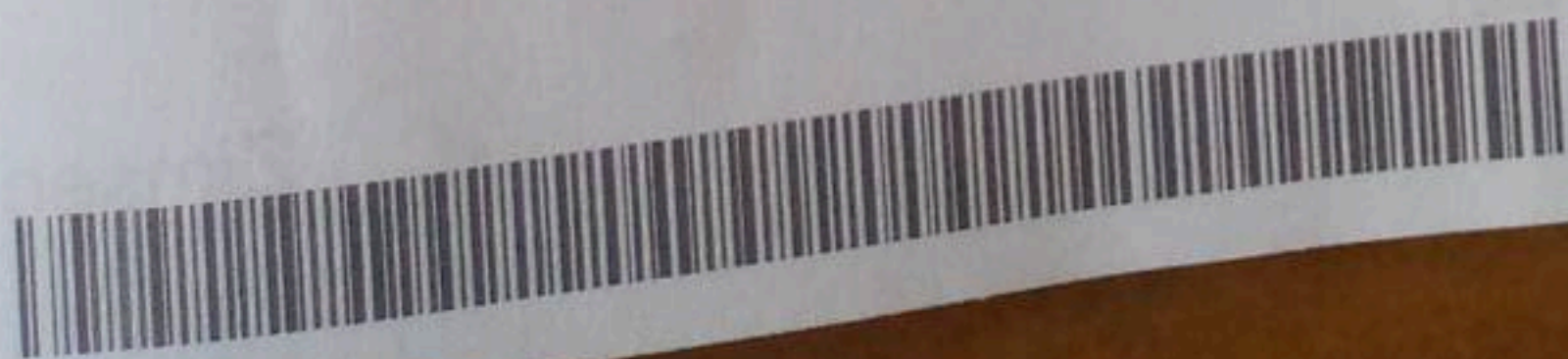
- A cirrus
- B altostratus
- C altocumulus
- D cumulonimbus

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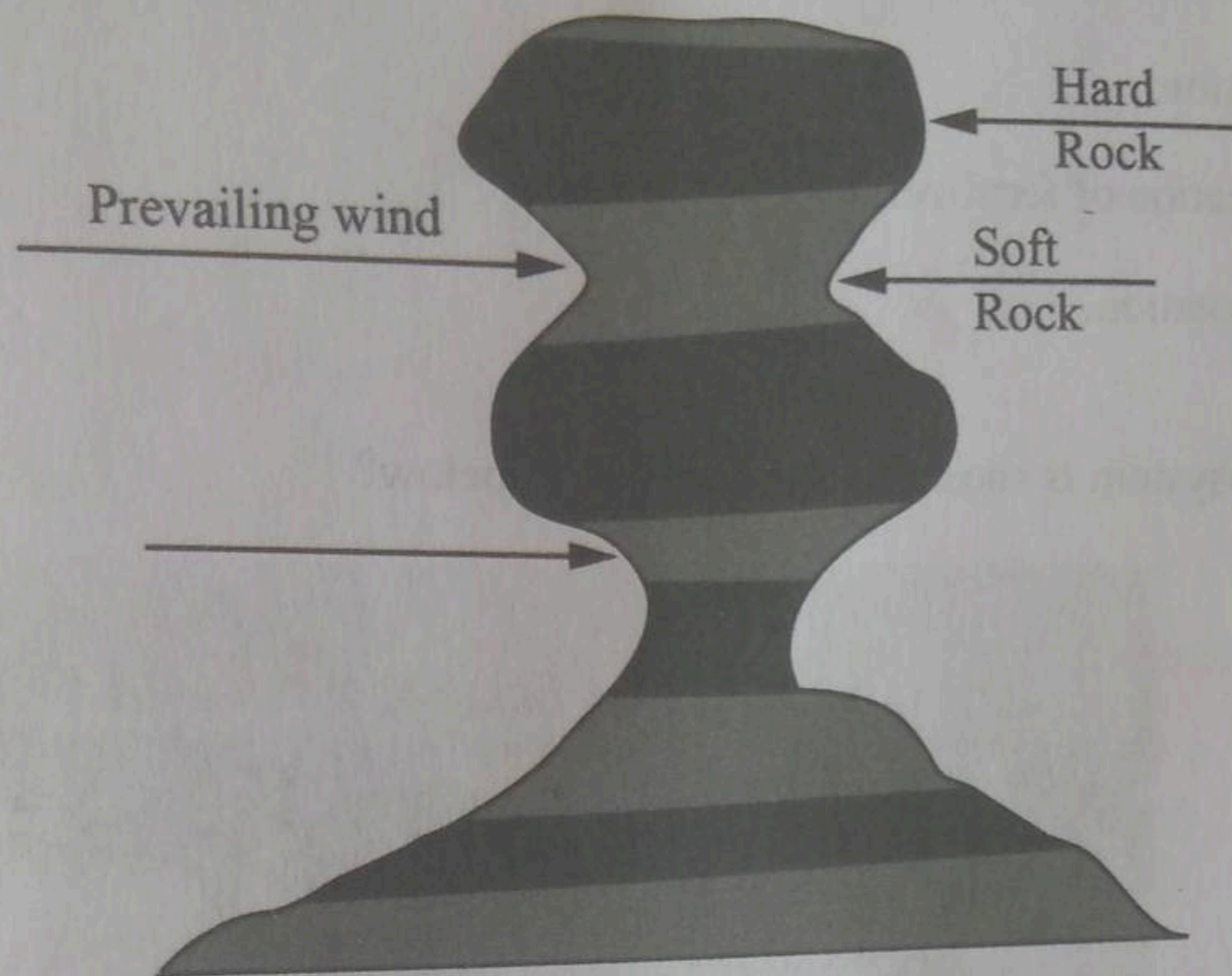
The diagram above shows a

- A stationary front.
- B warm front.
- C occluded front.
- D cold front.



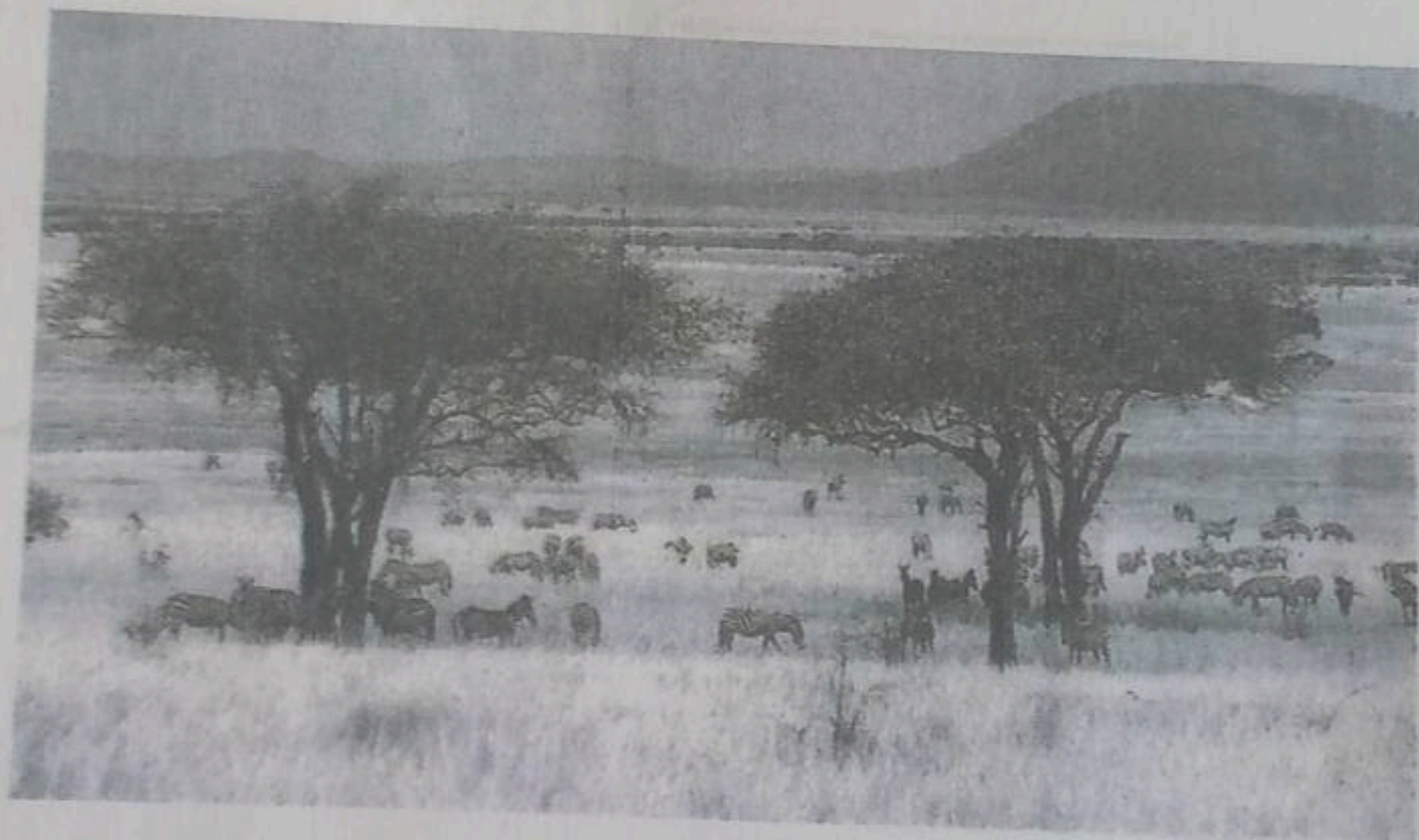
- 15 Which climatic region experiences hot-wet summers?
- A Desert
 - B Equatorial
 - C Mediterranean
 - D Savanna
- 16 Calculate the mean daily temperature given that:
Maximum temperature is 28°C
Minimum temperature is 12°C
- A 40°C
 - B 20°C
 - C 16°C
 - D 10°C
- 17 The outer layer of the earth is known as
- A mesosphere.
 - B lithosphere.
 - C barysphere.
 - D atmosphere.

18 What feature is shown on the diagram below?



- A Exfoliation dome
 B Yardang
 C Rock pedestal
 D Zeugen
- 19 Victims of hazardous mass movements can be assisted by
- A awareness campaigns.
 B building reinforced structures.
 C early warning systems.
 D evacuation.
- 20 A river that gains power to erode in the lower course experiences
- A rejuvenation.
 B meandering.
 C river capture.
 D braiding.

- 21 Soil acidification can be reduced by
- A addition of lime.
 - B irrigation.
 - C application of fertilizer.
 - D crop rotation.
- 22 Which ecosystem is shown in the photograph below?

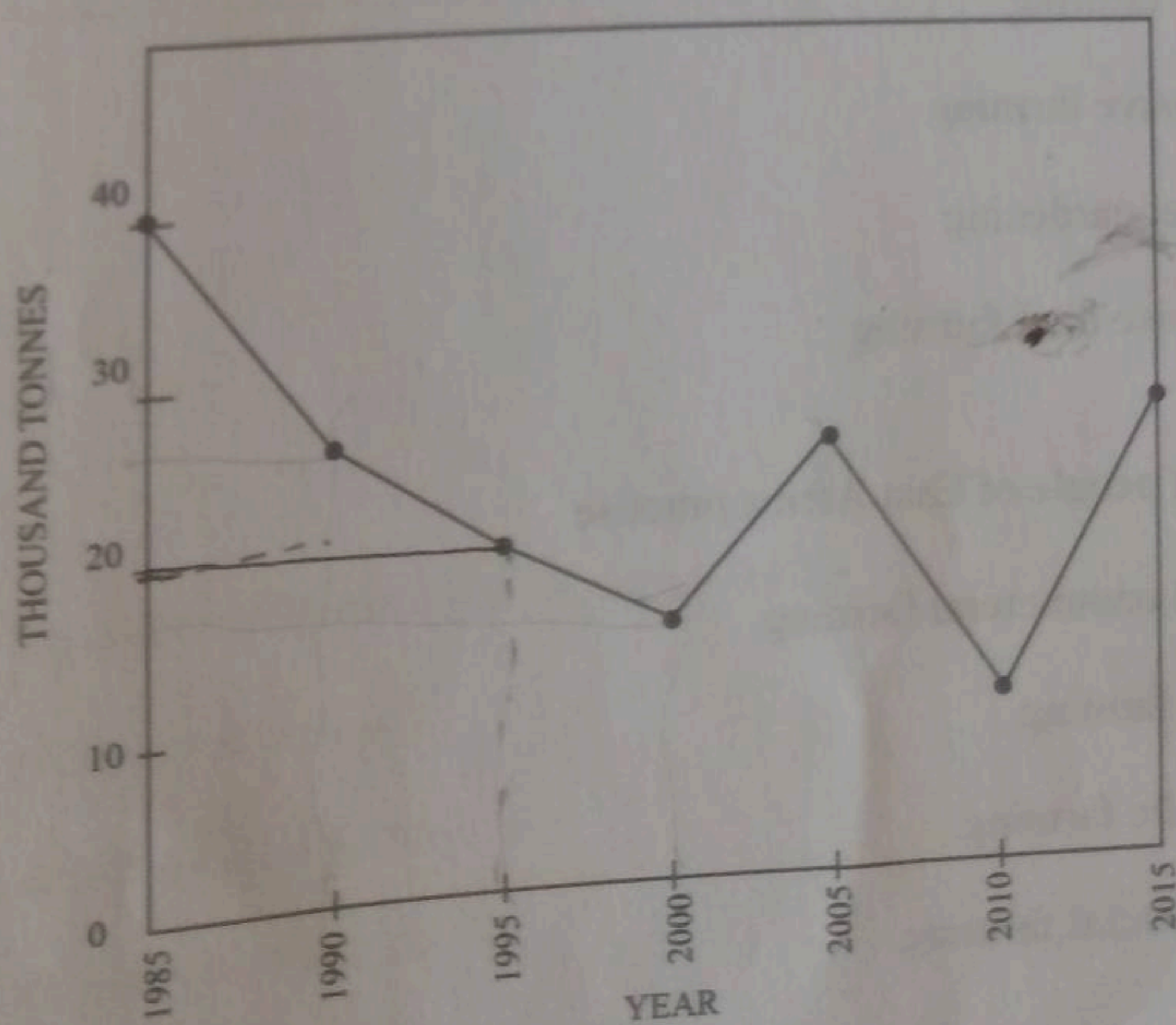


- A Desert
 - B Equatorial
 - C Mediterranean
 - D Savanna
- 23 Remote Sensing is
- A getting information from a far distance using electromagnetic waves.
 - B the spectrum of all known wavelengths of light.
 - C electromagnetic spectrum.
 - D the visible part of the electromagnetic spectrum.

Economic Geography

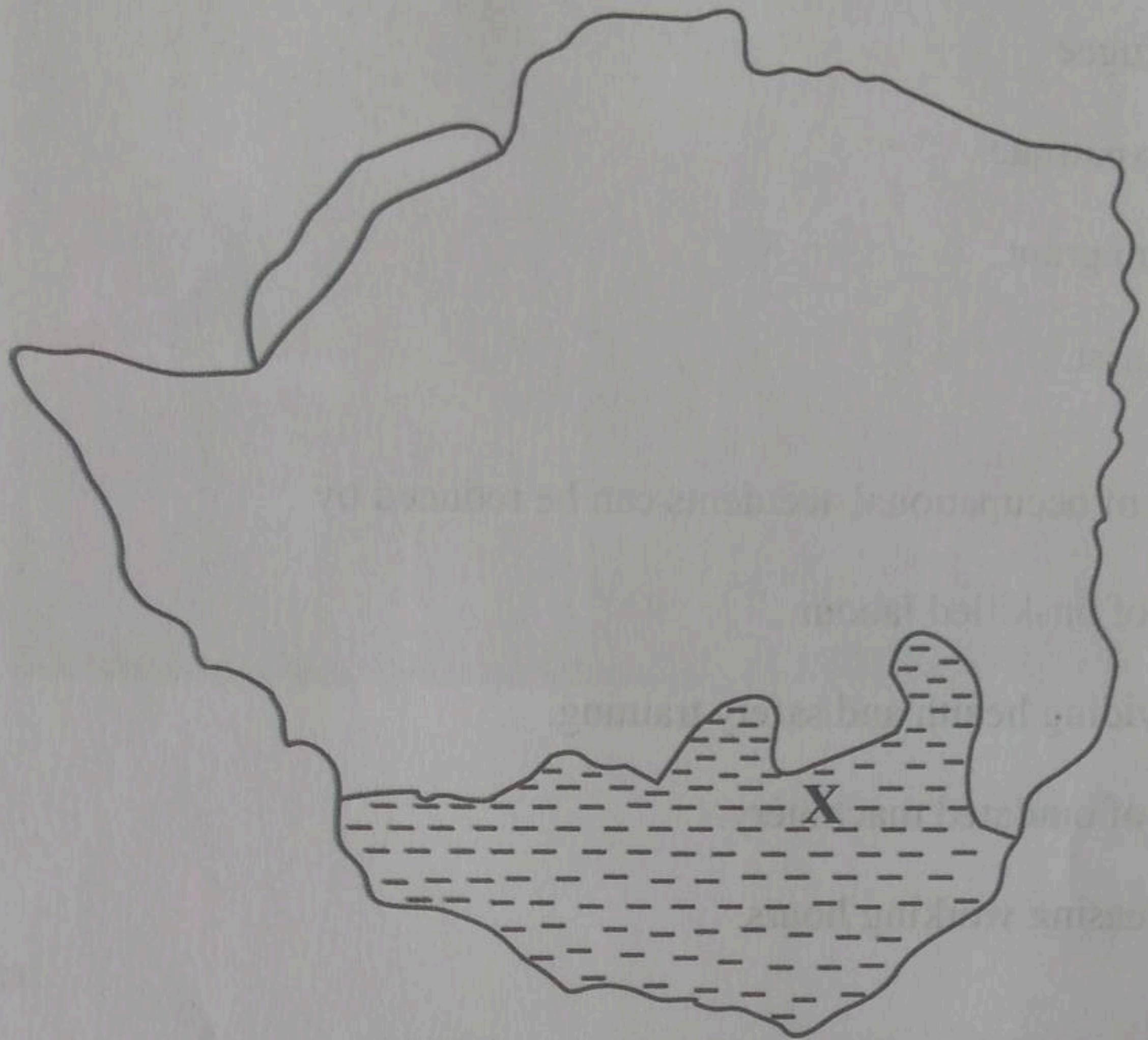
- 24 Indigenous forests in Zimbabwe are threatened by
- A constant floods.
 - B uncontrolled veld fires.
 - C sustainable exploitation.
 - D environmental awareness.
- 25 Invasion of a village by elephants and buffaloes leading to the destruction of crops
- A animal infiltration.
 - B co-habitation.
 - C human wildlife conflict.
 - D wildlife management.
- 26 What is the advantage of using green energy sources?
- A increase industrial production
 - B save time cleaning utensils
 - C control human wildlife conflicts
 - D reduce green house gas emissions

- 30 A person who works on contract basis in a country other than his own is called
- A a refugee.
 - B an expatriate.
 - C an emigrant.
 - D a tourist.
- 31 The risk of occupational accidents can be reduced by
- A use of unskilled labour.
 - B providing health and safety training.
 - C use of outdated machinery.
 - D increasing working hours.
- 32 In which year did fertilizer production reach 20000 tonnes?

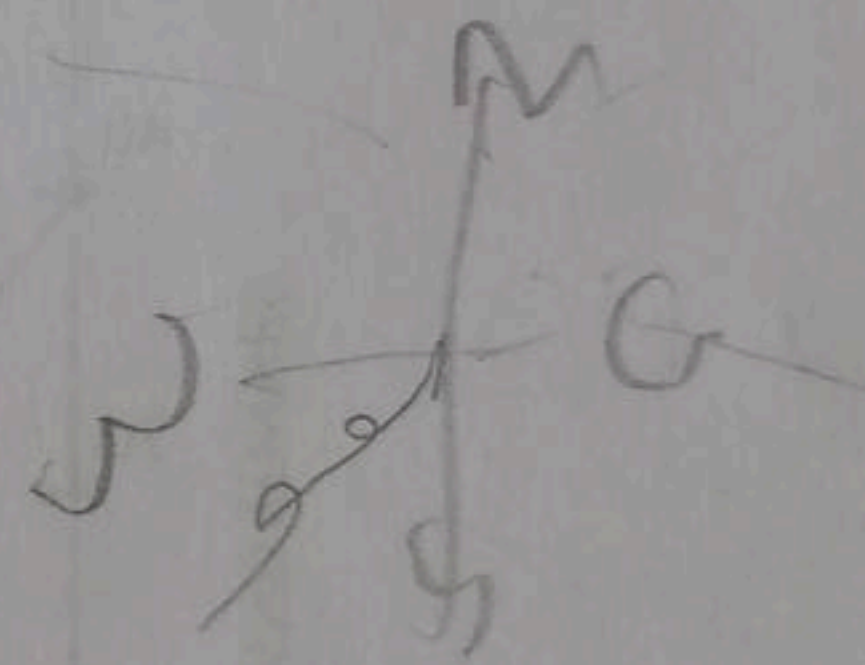


A 2005

- 33 What type of farming is practised in the area marked X?



- A Dairy farming
 B Extensive farming
 C Market gardening
 D Intensive beef farming



- 34 The Masai people of East Africa practise

- A mixed commercial farming.
 B estate farming.
 C nomadic farming.
 D commercial farming.

Environmental Management, Population, Settlement, Transport and Trade

- 35 From the Table below, which waste management facility increased in usage from 2000 to 2018?

		YEAR	
		2000	2018
FACILITY		%	%
A	BLAIR	27	40
B	BUCKET	5	3
C	FLUSH	56	50
D	PIT	12	7

- A Blair
 B Bucket
 C Flush
 D Pit
- 36 The growth of squatter settlements can be controlled by
- A provision of low cost housing.
 B construction of expensive flats.
 C allocation of expensive stands.
 D giving them high cost loans.

- 37 Which part of the Central Business District (CBD) would you find a jewellery shop?
- A transition zone
 - B commercial
 - C light manufacturing
 - D retailing

- 38 The average number of children a woman [15-49 years] has in her lifetime is called
- A birth rate.
 - B fertility rate.
 - C growth rate
 - D mortality rate.

- 39 Which is the suitable mode of transport for moving flowers from Zimbabwe to the Netherlands?
- A Water
 - B Road
 - C Rail
 - D Air

- 40 The time at 45° east is 1500 hours. What is the local time at 15° west?

- A 1100 hours
- B 1200 hours
- C 1300 hours
- D 1400 hours

