CANDIDATE – PLEASE NOTE!

Print your name on the line below and return this booklet with your answer sheet. Failure to do so may result in disqualification.

TEST CODE **01225010**

FORM TP 02025081

MAY/JUNE 2025

CARIBBEAN EXAMINATIONS COUNCIL

CARIBBEAN SECONDARY EDUCATION CERTIFICATE®
EXAMINATION

GEOGRAPHY

Paper 01 – General Proficiency

1 hour 15 minutes

04 JUNE 2025 (a.m.)

907

READ THE FOLLOWING INSTRUCTIONS CAREFULLY.

1. This test consists of 60 items. You will have 1 hour and 15 minutes to answer them.

2. In addition to this test booklet, you should have an answer sheet.

3. Each item in this test has four suggested answers lettered (A), (B), (C), (D). Read each item you are about to answer and decide which choice is best.

4. On your answer sheet, find the number which corresponds to your item and shade the space having the same letter as the answer you have chosen. Look at the sample item below.

Sample Item

Hurricanes in the Caribbean area are MOST likely to occur during

(A) February–April
(B) April–June
(C) July–September
(D) October–February

Sample Answer



A002

The correct answer to this item is "July–September", so (C) has been shaded.

5. If you want to change your answer, erase it completely before you fill in your new choice.

6. When you are told to begin, turn the page and work as quickly and as carefully as you can. If you cannot answer an item, go on to the next one. You may return to that item later.

7. You may use a silent, non-programmable calculator to answer items.

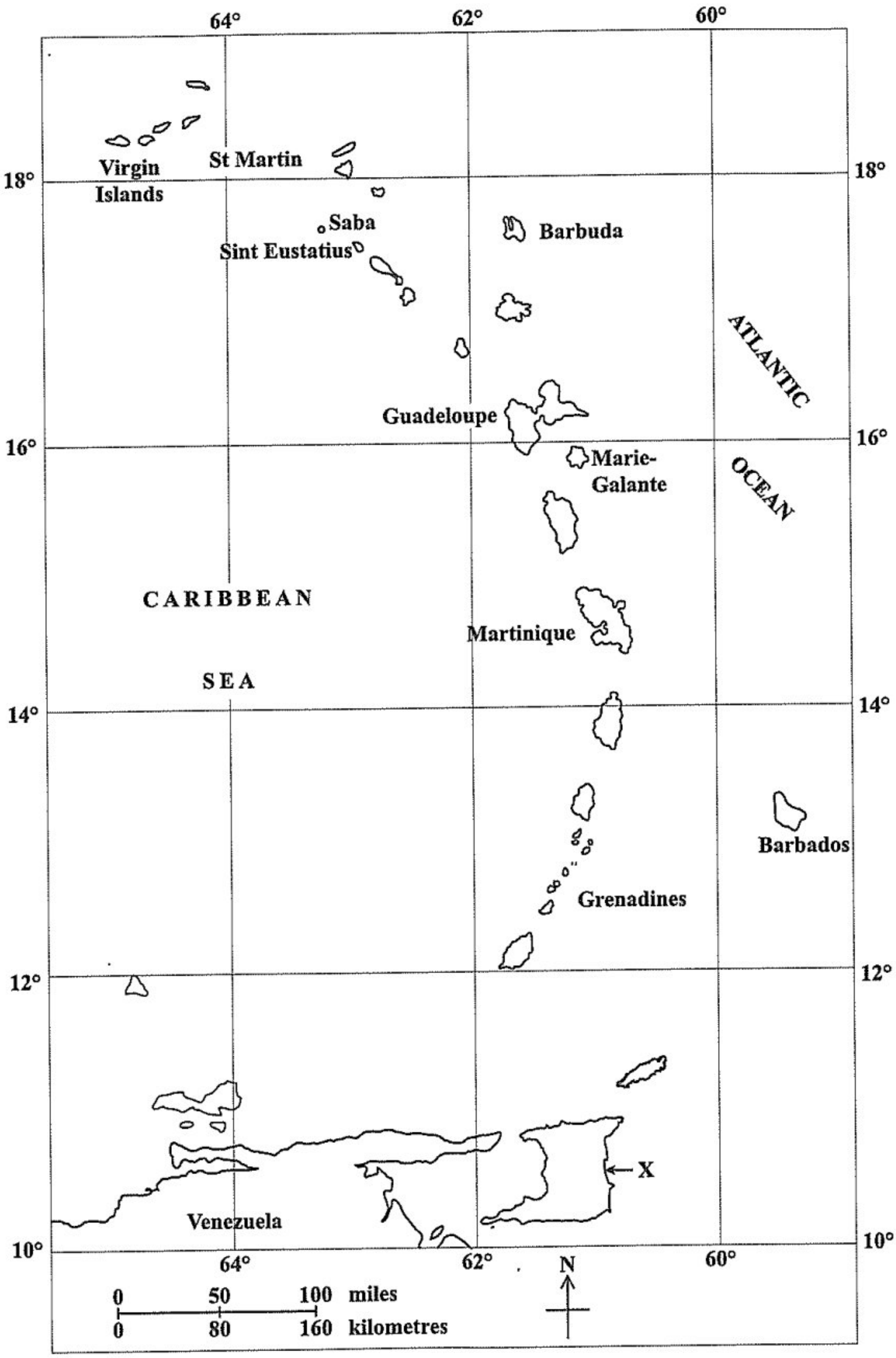
8. The use of geometrical instruments is permitted.

DO NOT TURN THIS PAGE UNTIL YOU ARE TOLD TO DO SO.

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Items **1–4** refer to the following map showing some islands of the Eastern Caribbean.



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1. In which direction should an airplane fly on leaving Marie-Galante to go to Saba?

(A) Northeast
(B) Southeast
(C) Southwest
(D) Northwest

2. The grid bearing of Sint Eustatius from Marie-Galante is approximately

(A) 045°
(B) 135°
(C) 225°
(D) 315°

3. St Martin is located on the line of latitude that is approximately

(A) 18°N
(B) 18°S
(C) 63°E
(D) 63°W

4. The island labelled **X** is closest to which of the following regions?

(A) North America
(B) South America
(C) Central America
(D) Western America

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Items 5–7 refer to the following table which shows the average monthly rainfall and temperature at a particular location in a Caribbean country.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Temperature (°C)	24	24	26	26	26	27	28	28	27	26	26	26
Rainfall (mm)	103	93	88	128	201	167	117	245	200	260	169	87

5. What is the average annual temperature at this location?

(A) 25.2 °C
(B) 26.2 °C
(C) 27.2 °C
(D) 28.2 °C

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6. The rainfall pattern on the table indicates that

(A) rainfall occurs throughout the year
(B) most of the rainfall occurs at the beginning of the year
(C) there are small amounts of rainfall throughout the year
(D) there is little variation in the rainfall from month to month

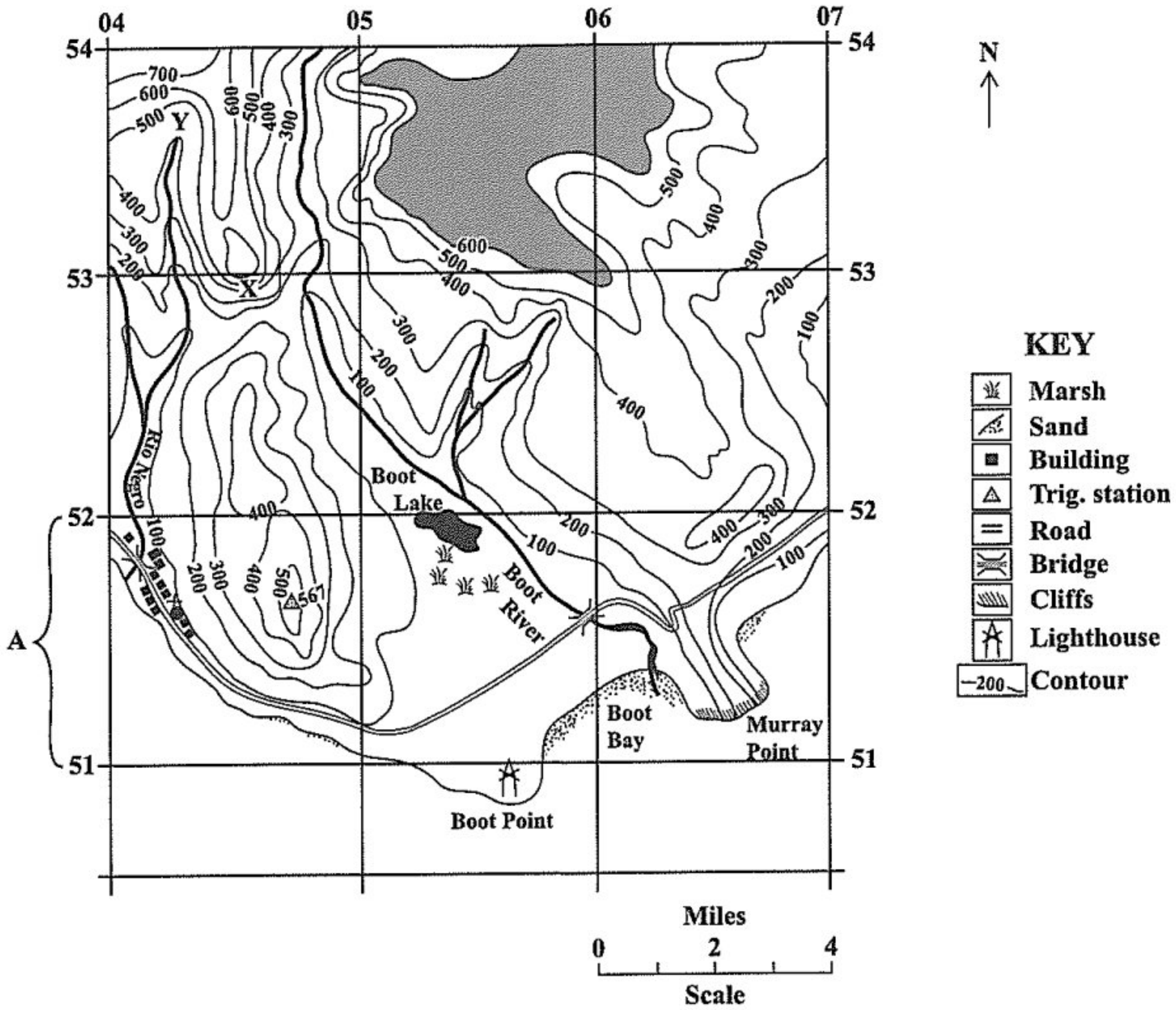
7. The annual temperature range for this location is

(A) 26 °C
(B) 24 °C
(C) 4 °C
(D) 2 °C

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Items **8–10** refer to the following map of a section of an island in the Caribbean region.



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8. What is the contour interval used on the map?

(A) 50 ft
(B) 100 ft
(C) 200 ft
(D) 300 ft

9. Which of the following settlement patterns is shown in the grid square labelled **A**?

(A) Linear
(B) Nuclear
(C) Isolated
(D) Dispersed

10. What is the grid reference of the Trig. station in the grid square labelled **A**?

(A) 567047
(B) 516047
(C) 049518
(D) 047516

11. Which of the following phrases refers to 'northings'?

(A) Horizontal lines that decrease in value northwards
(B) Horizontal lines that increase in value northwards
(C) Vertical lines that decrease in value northwards
(D) Vertical lines that increase in value northwards

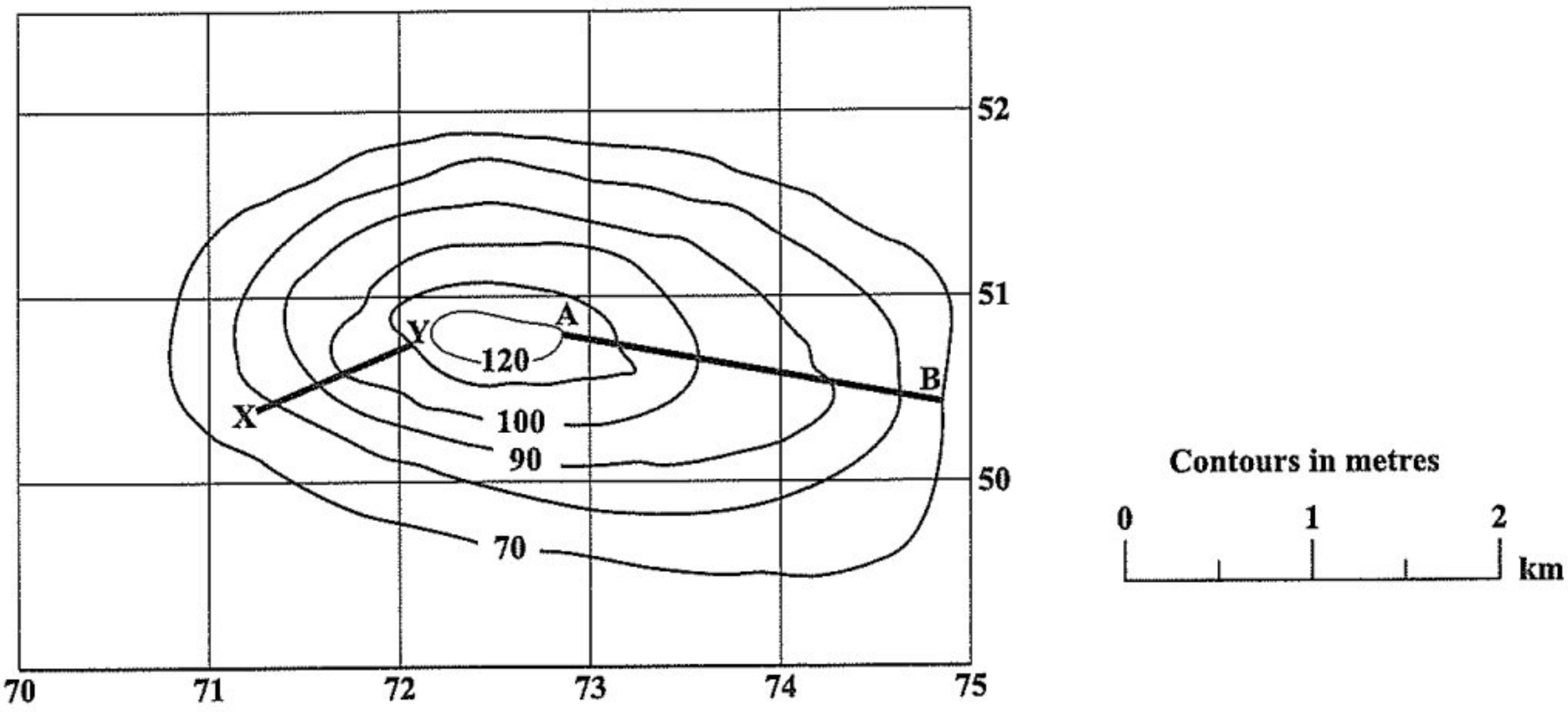
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Items **12** and **13** refer to the sketch map below.



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12. What type of slope is present at **XY**?

(A) Dip
(B) Scarp
(C) Convex
(D) Concave

13. The approximate gradient of the line **AB** is

(A) 1 in 10
(B) 1 in 20
(C) 1 in 40
(D) 1 in 50

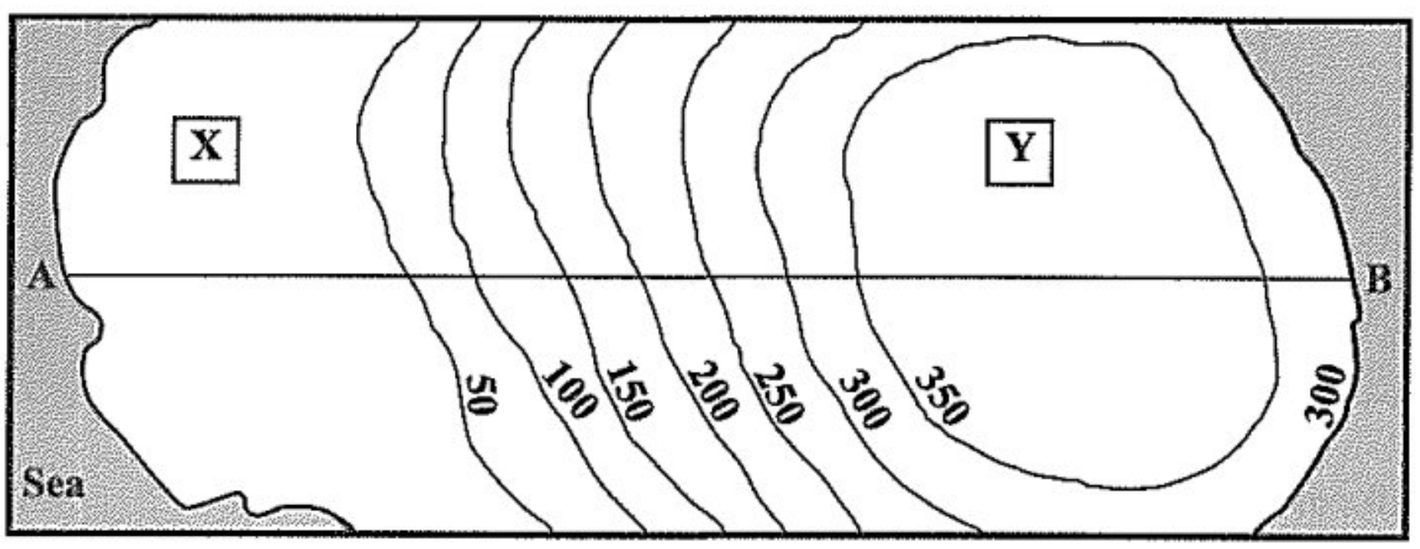
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14. Which of the following is an example of an isopleth map?

(A) Dot map
(B) Contour map
(C) Political map
(D) Vegetation map

Item **15** refers to the following contour map.



15. The landforms shown at **X** and **Y**, respectively, are a

(A) coastal plain and round-topped hill
(B) ridge and round-topped hill
(C) coastal plain and plateau
(D) plateau and ridge

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Item **16** refers to the following image.



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16. The landform shown is MOST likely a

(A) cave
(B) doline
(C) cockpit
(D) pothole

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Items **17** and **18** refer to the following table which provides data for four Caribbean countries for the year 2000.

Country	Population Density (per km^2)	Area (km^2)	Population
Barbados		432	268 792
Guyana	34.9	21 500	751 223
Jamaica	237.3	10 990	2 607 632
Trinidad and Tobago	246.2	5 128	1 262 366

17. Based on the data in the table, how many persons per square kilometre could be found in Barbados in the year 2000?

(A) 500.0
(B) 622.2
(C) 1105.7
(D) 1607.0

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18. Based on the data in the table, the country with the LOWEST population density has the

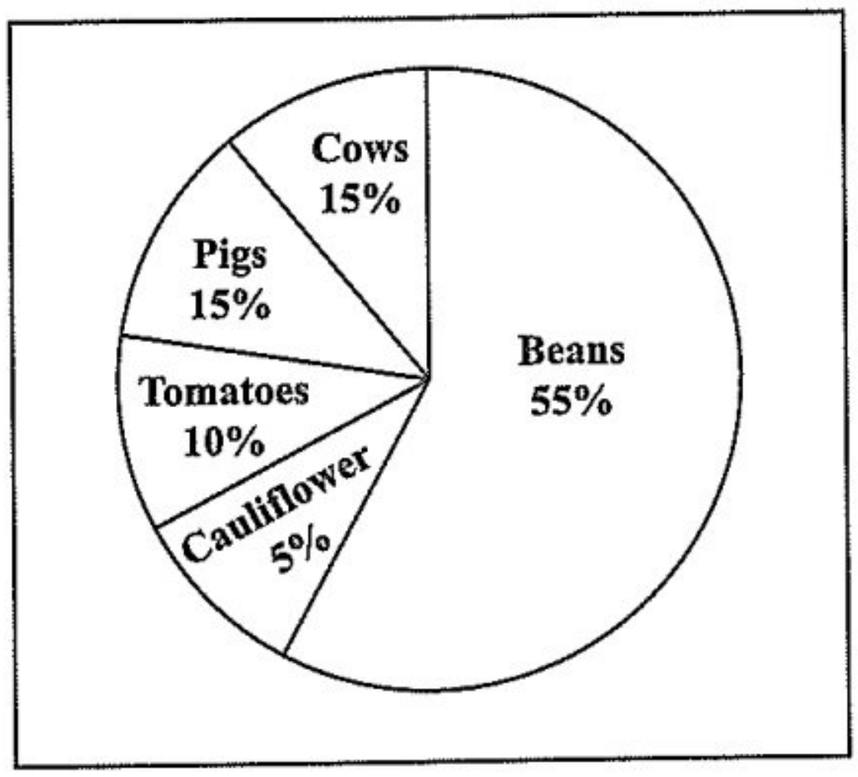
(A) largest area
(B) smallest area
(C) largest population
(D) smallest population

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Item **19** refers to the following diagram which shows how a farmer used his plot of land.



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19. Which statement BEST describes the farm depicted above?

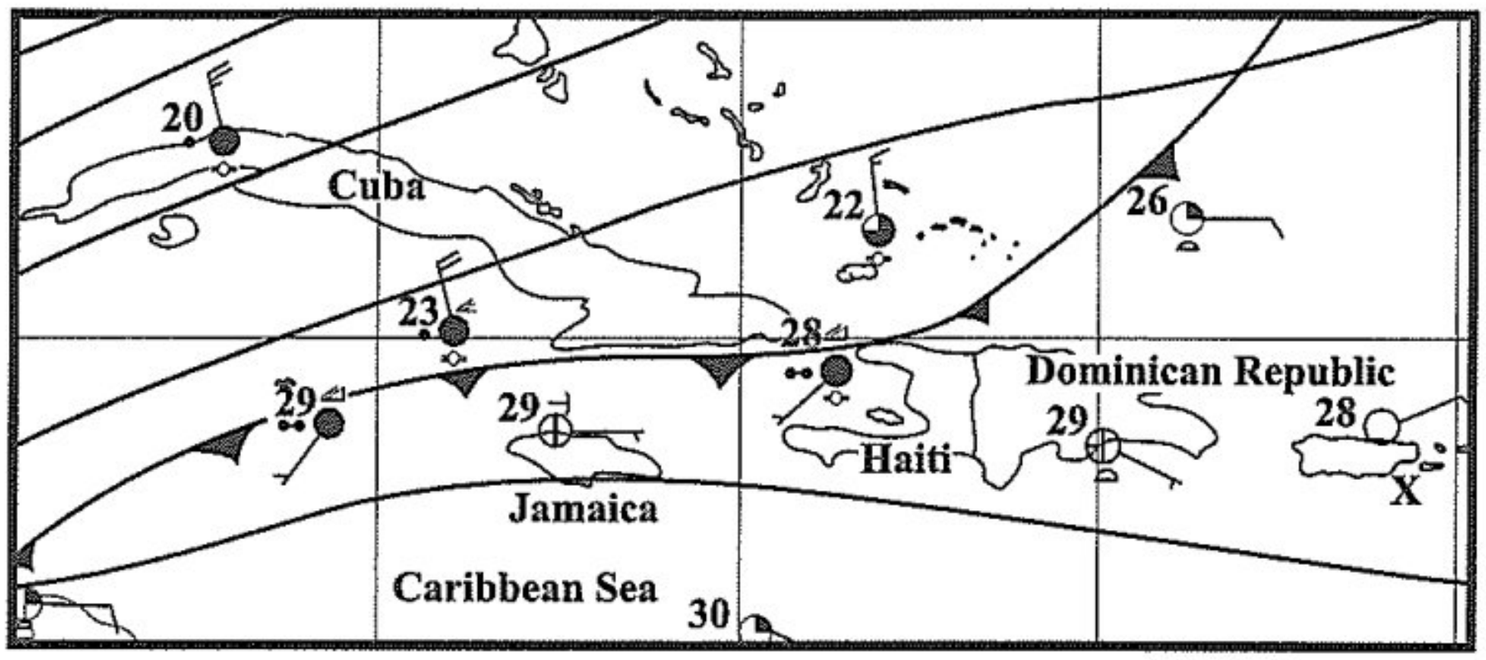
(A) It practises monoculture.
(B) Cauliflower is the main crop grown.
(C) More than half of the farm is used for crops.
(D) More than half of the farm is used to rear animals.

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Items **20** and **21** refer to the following map of a weather system.



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20. What type of weather system does the map suggest that the southern part of Cuba is experiencing?

(A) Hurricane
(B) Cold front
(C) Warm front
(D) Anticyclone

21. What type of weather is being experienced at the country labelled **X**?

(A) Clear sky with light winds
(B) Clear sky with strong winds
(C) Overcast sky with light winds
(D) Overcast sky with strong winds

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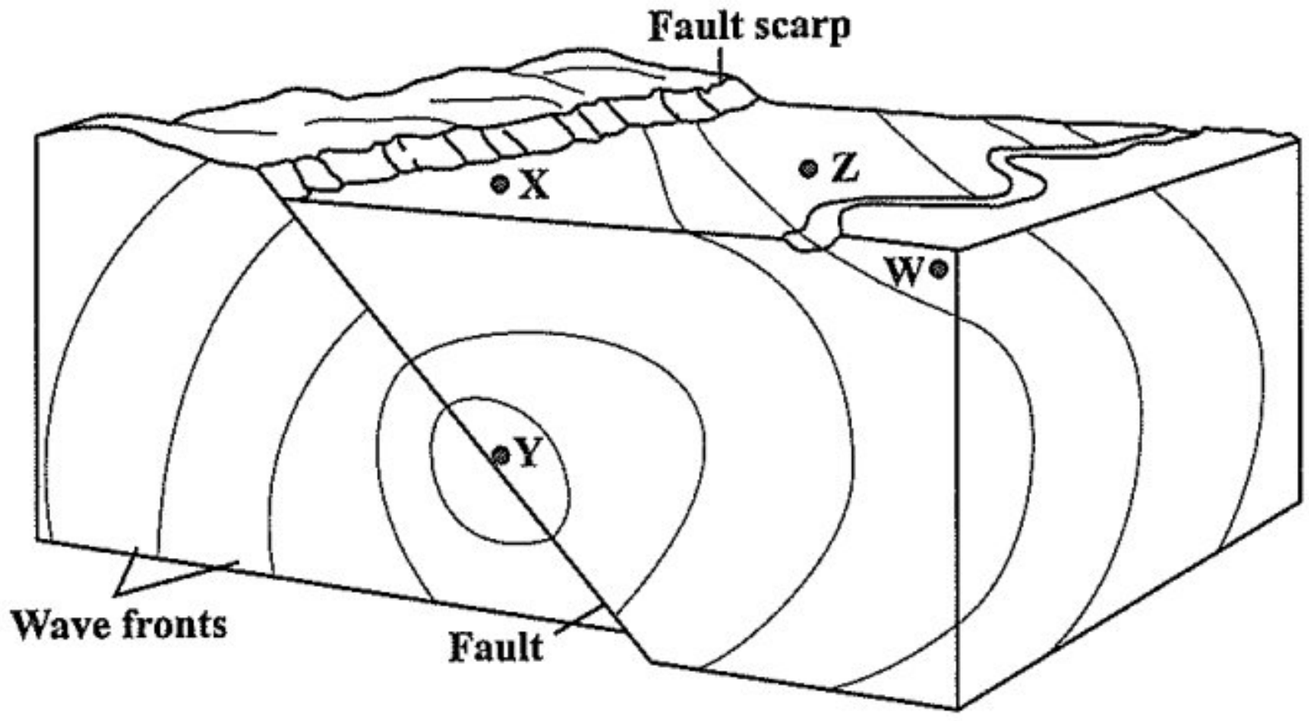
22. Which of the following is a suitable condition for the formation of acidic volcanic cones?

(A) Lava that is low in silica
(B) Viscous lava that solidifies quickly
(C) Gentle and continuous lava eruptions
(D) Lava that flows in thin sheets over long distances

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Item **23** refers to the following block diagram which shows the wave patterns of an earthquake along a fault and four points labelled **W**, **X**, **Y** and **Z**.



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23. Which of the points in the diagram represents the focus?

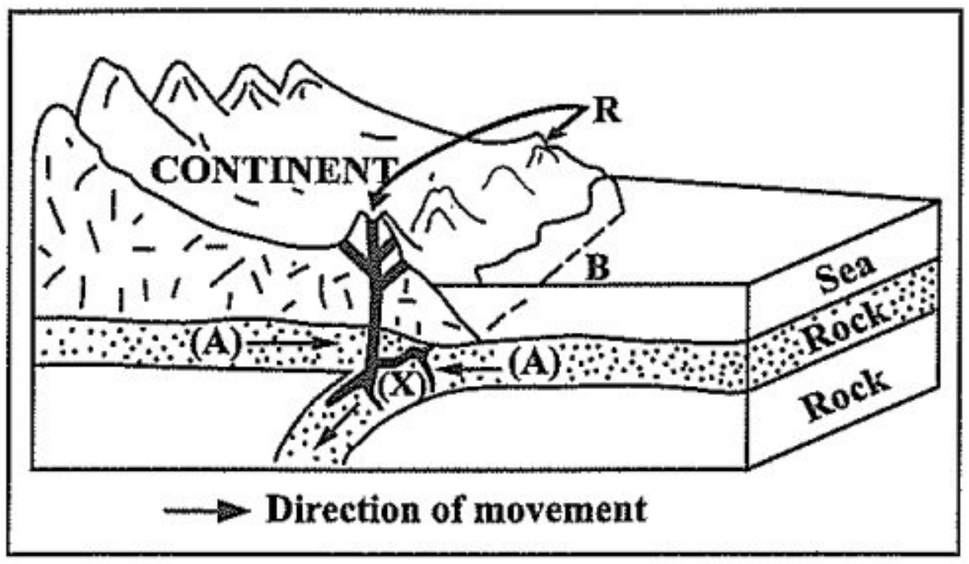
(A) W
(B) X
(C) Y
(D) Z

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Items **24** and **25** refer to the following diagram showing the movement of plate margins.



24. Which of the following plate margins is shown?

(A) Divergent
(B) Transform
(C) Convergent
(D) Conservative

25. Which of the following features are shown at **R**?

(A) Volcanoes
(B) Lava plateaux
(C) Fold mountains
(D) Block mountains

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26. Which of the following acids increases the rate of chemical weathering in karst landscapes?

(A) Nitric
(B) Sulfuric
(C) Carbonic
(D) Hydrochloric

27. Fringing reefs are said to be

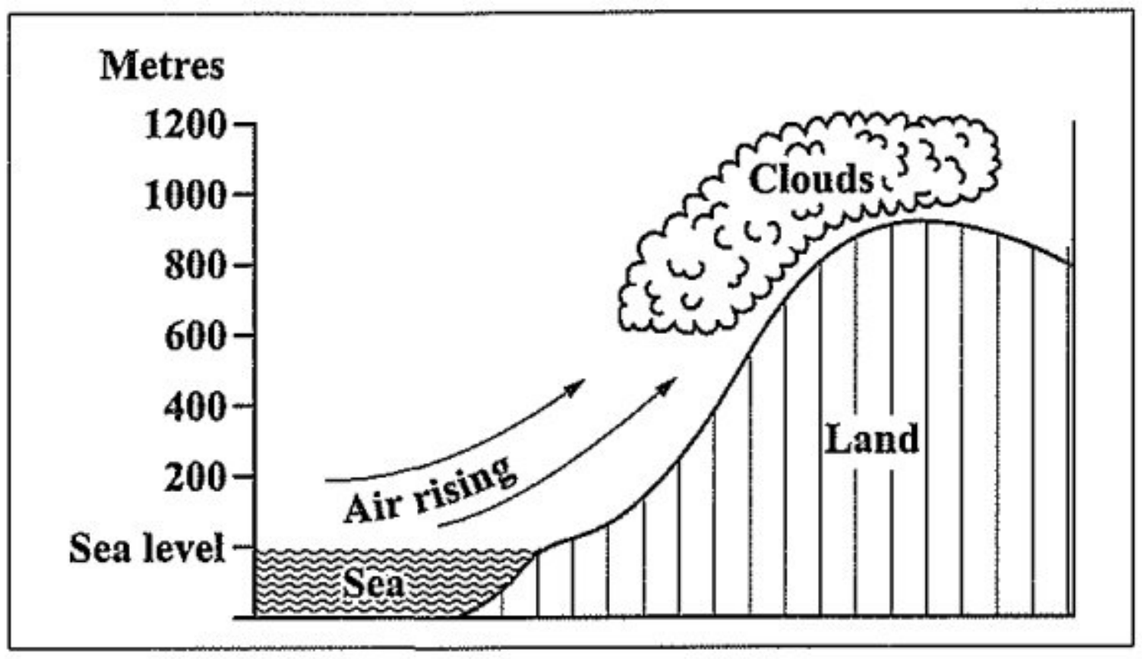
(A) horse shoe in shape
(B) built around sunken volcanoes
(C) built on a submerged platform
(D) separated from the land by a narrow lagoon

28. The process of 'exfoliation' may be defined as the

(A) peeling off of the outer layers of rocks
(B) splitting of rocks into rectangular blocks
(C) movement of rocks due to the action of rivers
(D) disintegration of rocks by root penetration into crevices

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Item **29** refers to the following diagram which shows air rising and clouds forming over a highland.

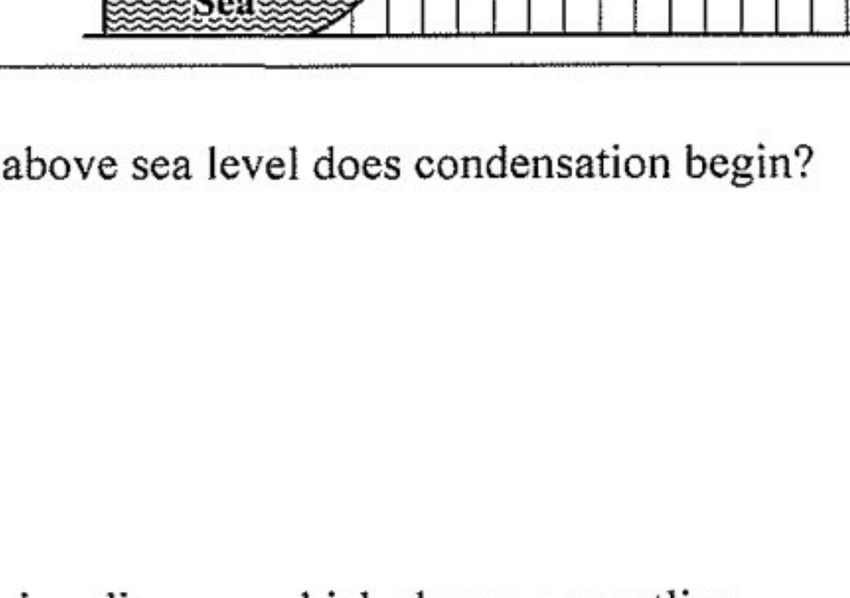


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29. At what height, in metres, above sea level does condensation begin?

(A) 200
(B) 400
(C) 600
(D) 1200

Item **30** refers to the following diagram which shows a coastline.



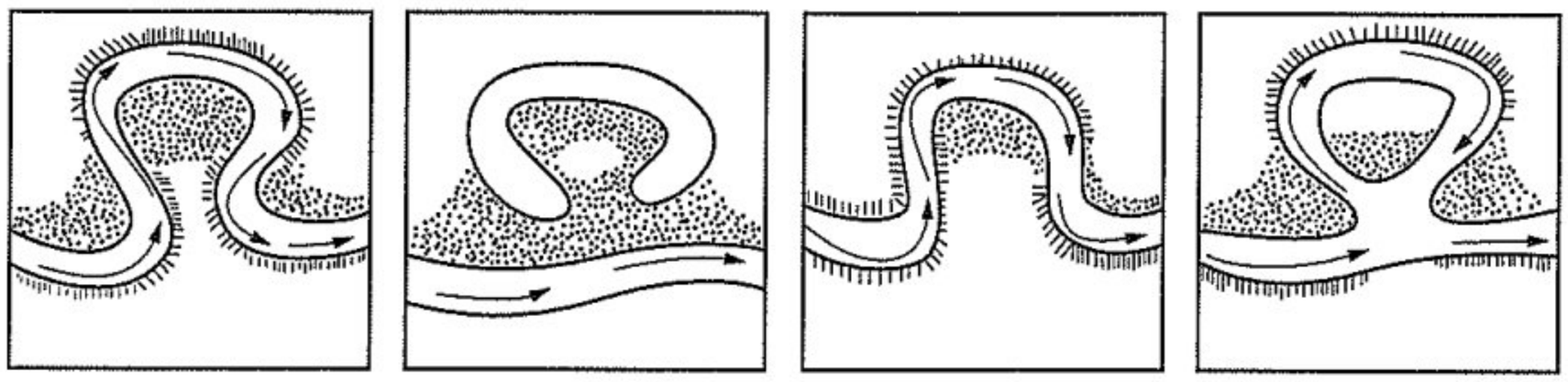
A002

30. The feature labelled **X** in the diagram above is MOST likely the result of the

(A) longshore drift
(B) changes in sea level
(C) frequency of the waves
(D) changes in wind direction

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Item **31** refers to the following diagrams, labelled I–IV, showing the events that take place during the formation of an ox-bow lake.



I II III IV

31. Which of the following sequences is correct for the formation of an ox-bow lake?

(A) I, II, III, IV
(B) II, I, IV, III
(C) IV, III, II, I
(D) III, I, IV, II

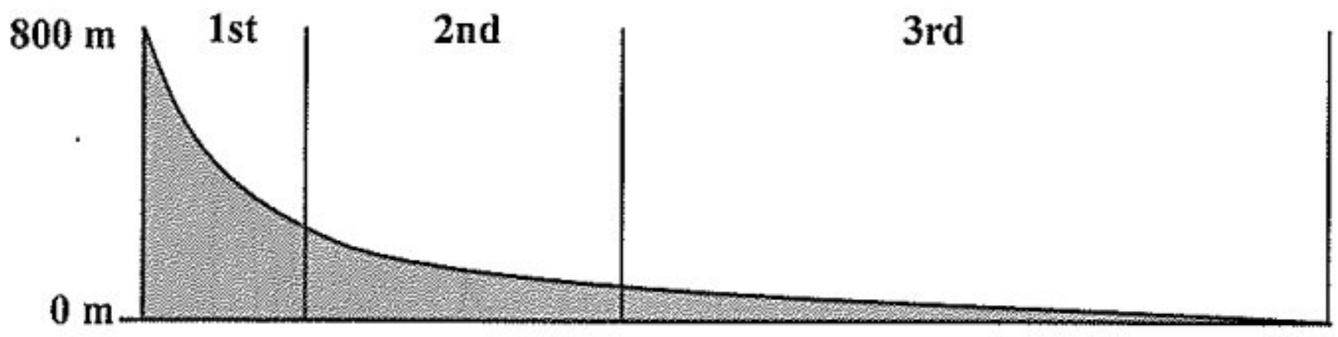
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32. Which of the following statements explains how vegetation contributes to the development of soils?

(A) Decaying vegetation produces a habitat for earthworms.
(B) Vegetation decomposes to produce the organic matter in soil.
(C) Roots, twigs and leaves are washed downwards to increase the depth of soil.
(D) Vegetation provides the parent material which helps in the formation of soil structure.

Item **33** refers to the following profile of a river.

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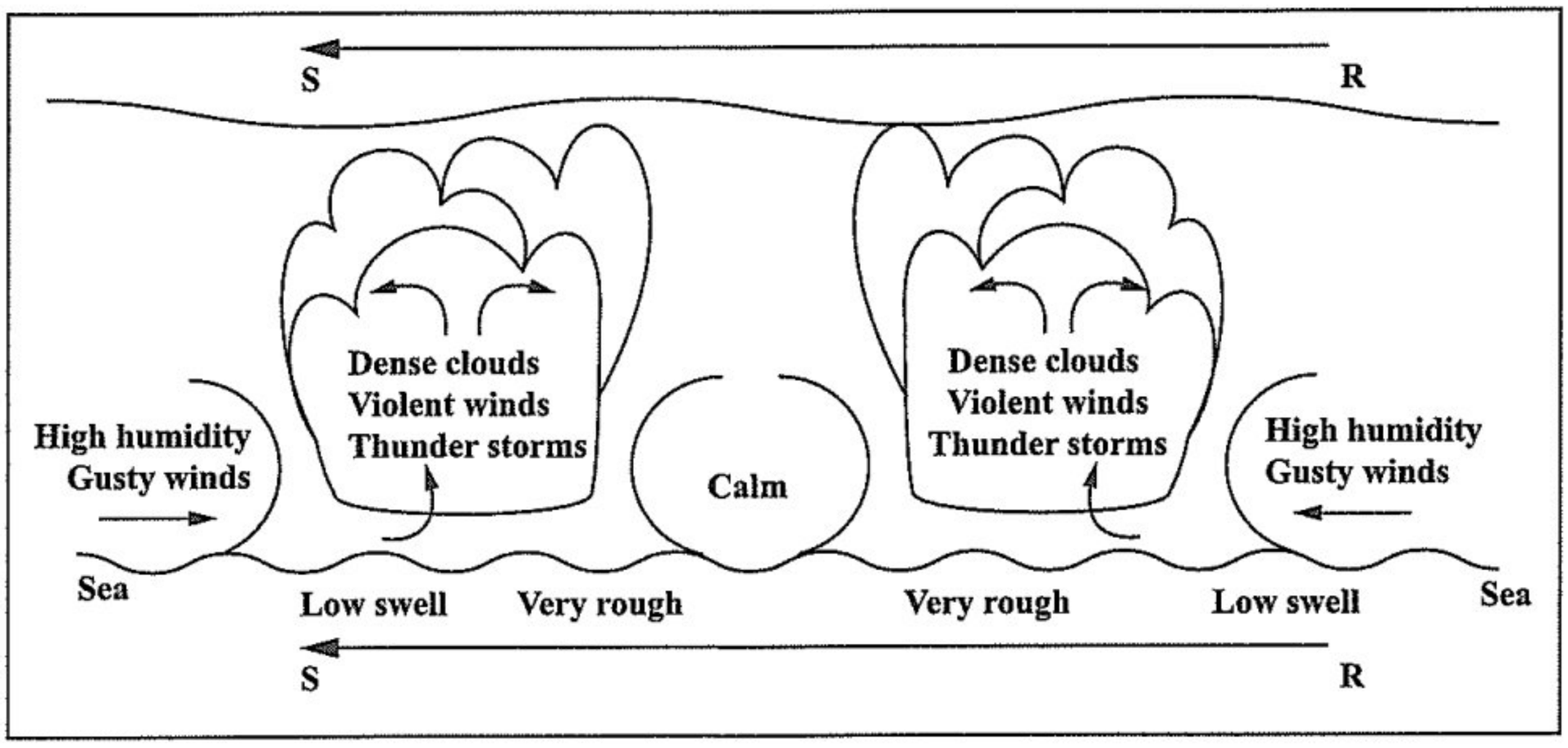


33. Which of the following processes is dominant in the first stage of the river?

(A) Erosion
(B) Deflation
(C) Deposition
(D) Transportation

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Item **34** refers to the diagram below that illustrates a cross-section of a hurricane.

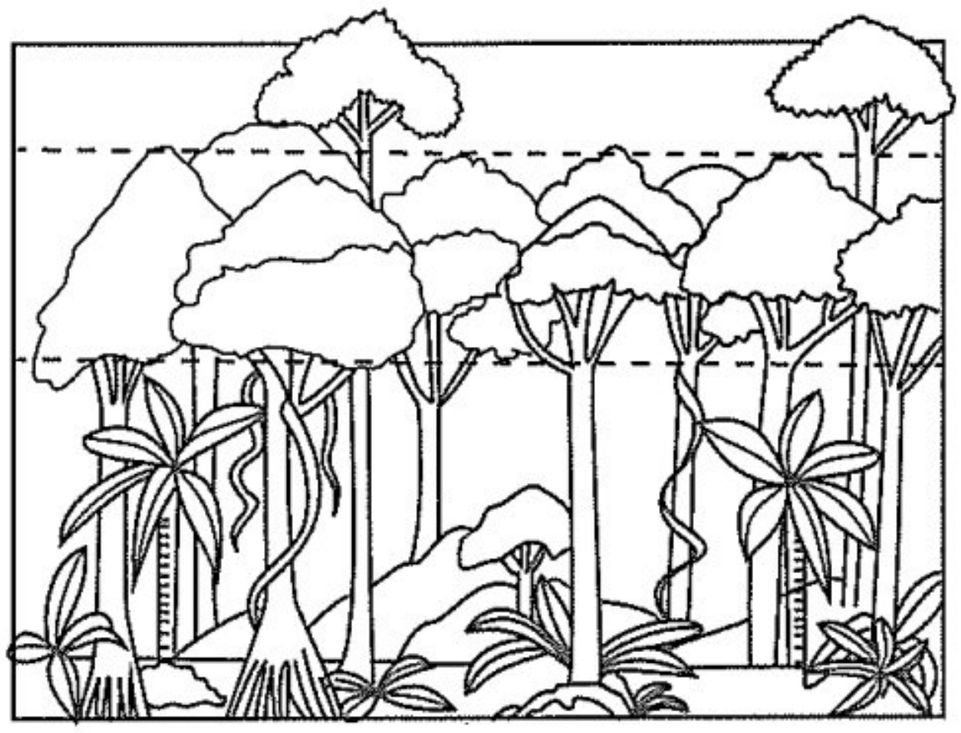


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34. Which of the following weather and sea conditions are experienced during the passage of the centre of the hurricane as it moves from R to S?

(A) Light winds and calm seas
(B) Light winds and rough seas
(C) Strongs winds and calm seas
(D) Strong winds and rough seas

Item **35** refers to the diagram of a rainforest.



A002

35. The sparse vegetation on the forest floor is MOST likely due to a lack of

(A) humus
(B) rainfall
(C) sunlight
(D) soil nutrients

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36. Which of the following is NOT an adaptation of the plants in a tropical rainforest?

(A) Thin smooth barks
(B) Large shallow roots
(C) Waxy pointed leaves
(D) Water-storing trunks

37. The upper level of the zone of saturation in permeable rocks is referred to as

(A) a spring
(B) an aquifer
(C) the watershed
(D) the water table

38. As one climbs a mountain, the surrounding temperature

(A) decreases
(B) increases
(C) fluctuates
(D) remains constant

39. Which of the following actions can be used to reduce the emission of greenhouse gases?

(A) Reduced use of energy efficient technology
(B) Increased use of chlorofluoro-carbons (CFCs)
(C) Increased large-scale cattle farming
(D) Increased use of solar power

40. Which of the following actions is NOT a regional response to a natural disaster?

(A) Mobilizing emergency relief
(B) Spreading financial aid fairly
(C) Predicting the occurrence of other hazards
(D) Challenging the reconstruction of affected areas

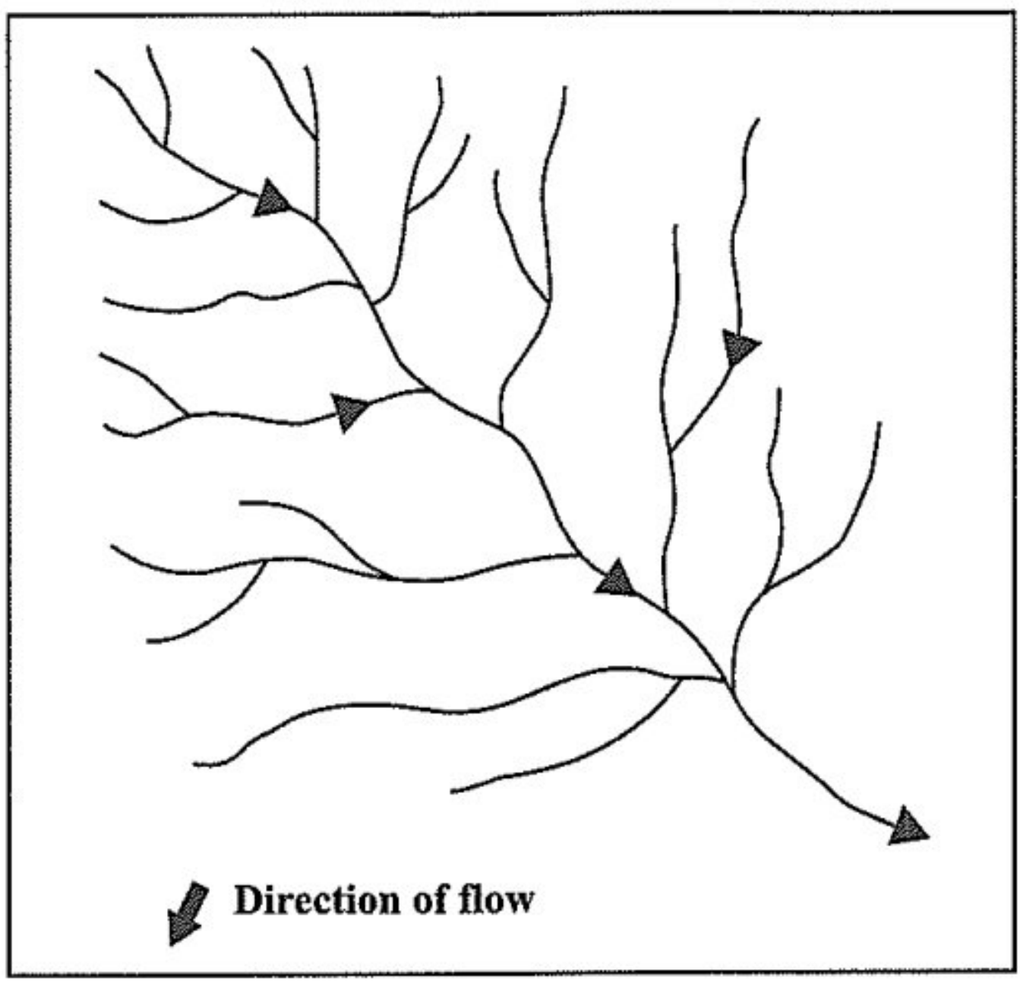
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Item **41** refers to the following diagram of a drainage pattern.



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41. Which of the following drainage patterns is illustrated in the diagram?

(A) Trellis
(B) Radial
(C) Braided
(D) Dendritic

A002

42. Which of the following is a benefit of mangrove wetlands to Caribbean countries?

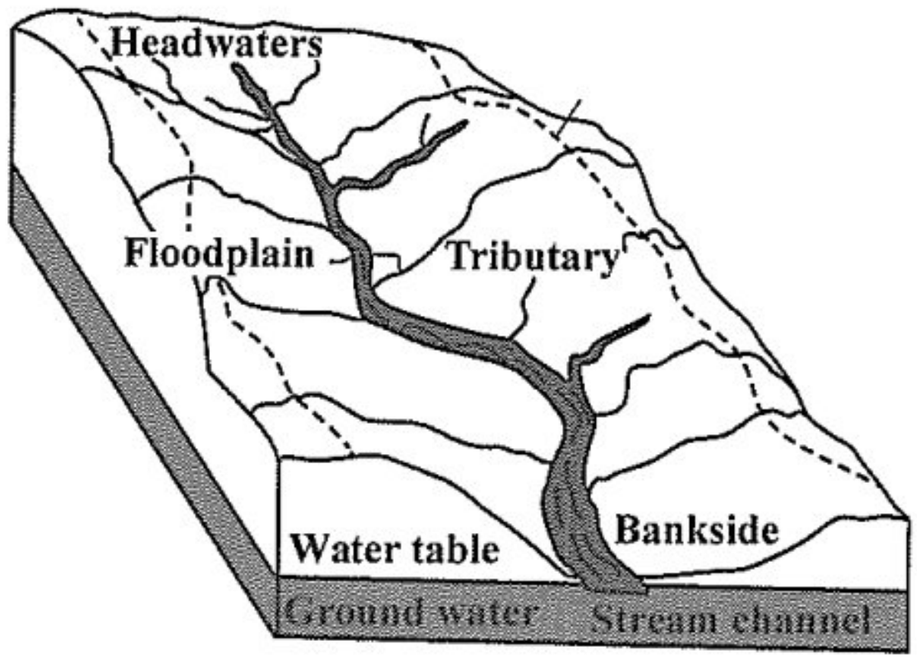
(A) They contribute to beach formation.
(B) They bring stability to coastal areas.
(C) Their root system loosens the sediments from rivers.
(D) They grow rapidly and cause congestion in waterways.

43. The type of soil related to the equatorial climate is called

(A) latosol
(B) alluvium
(C) terra rossa
(D) chernozem

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Item **44** refers to the following diagram of a valley with tributaries leading to a river.



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44. What do the dotted lines in the diagram represent?

(A) A plateau
(B) The hilltop
(C) The watershed
(D) The drainage basin

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45. Which of the following climate types is affected by the trade winds all year round, experiences a wet and dry season, and has an annual rainfall between 1200 and 2000 mm?

(A) Equatorial
(B) Dry equatorial
(C) Tropical marine
(D) Tropical continental

A002

46. Which of the following features is typical of large-scale commercial farming?

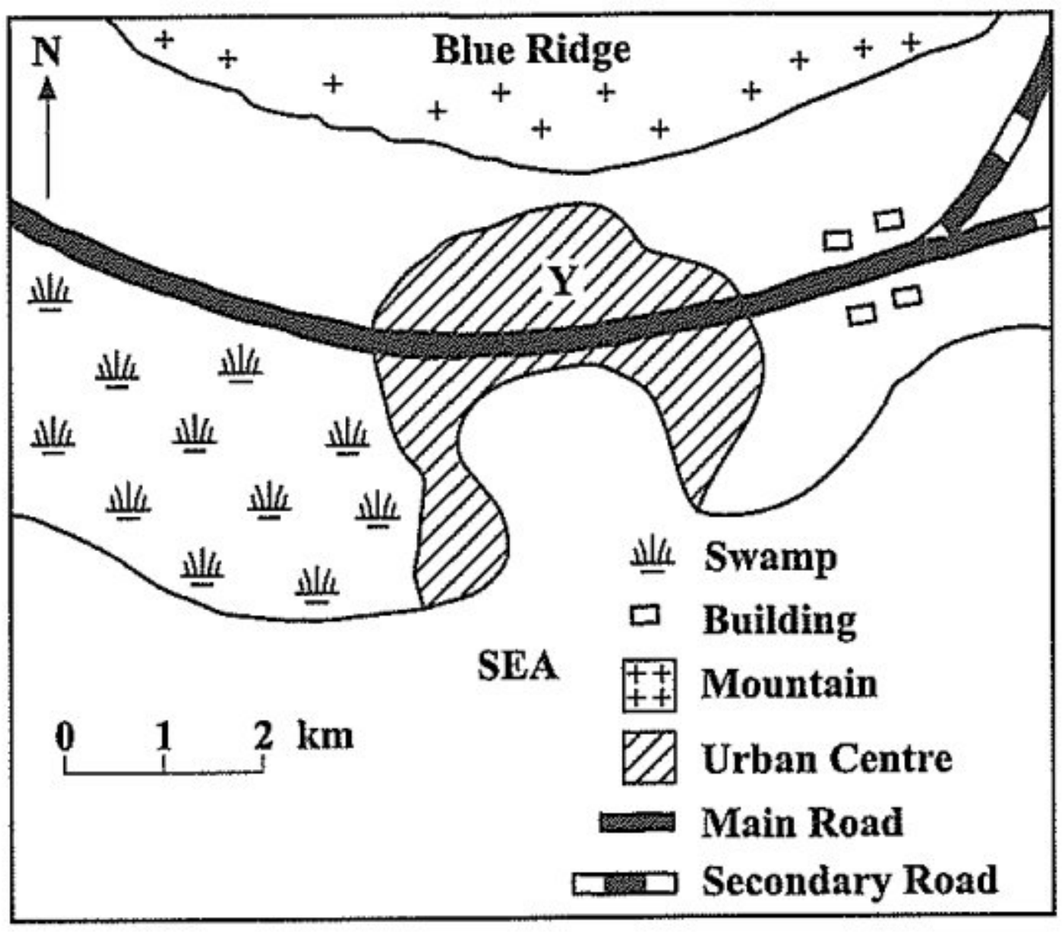
(A) Low acreage
(B) Multi-crop system
(C) Subsistence practices
(D) Intensive mechanization

47. The MOST serious threat to the rivers of the Caribbean comes from

(A) silting
(B) logging
(C) quarrying
(D) overfishing

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Items **48** and **49** refer to the following sketch map.



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48. Which of the following is the MOST likely reason for the establishment of the urban centre in that location on the sketch map?

(A) The nearness of the sea
(B) The presence of the swamp
(C) The nearness of the mountains
(D) The presence of the main road

49. In which direction is the town MOST likely to expand?

(A) South
(B) North
(C) West
(D) East

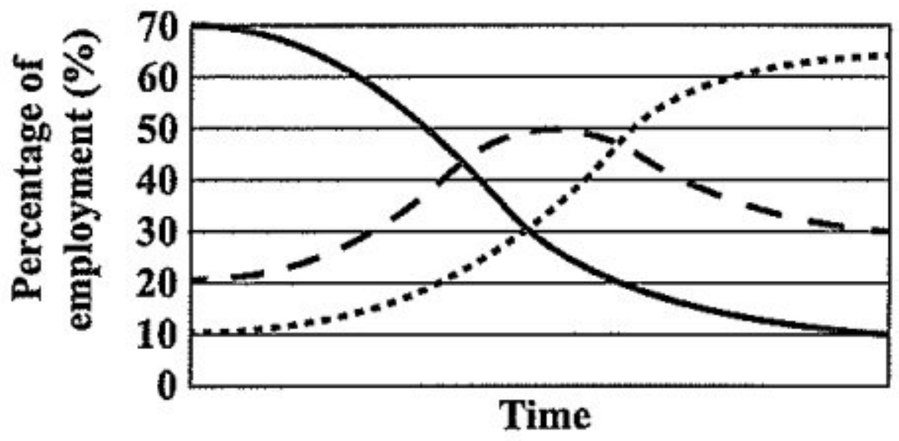
A002

50. Which of the following types of farming is capital intensive and uses high-yielding varieties of seeds to cultivate crops?

(A) Mixed farming
(B) Market gardening
(C) Subsistence farming
(D) Commercial arable farming

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Item **51** refers to the following diagram which shows changes in the employment structure for Country X.



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51. Which of the following factors is MOST likely the cause of the rapid increase in the tertiary sector as shown on the diagram?

(A) A large, unskilled labour force is available.
(B) Increased demand for services due to improved standard of living.
(C) Increased profitability of primary industries resulting from a tax break.
(D) Government policies which encouraged the development of industrial estates.

A002

52. Which of the following benefits would MOST likely be gained by Caribbean countries which diversify their economies through industrialization?

(A) Protection from economic losses
(B) Greater purchasing power of the population
(C) Less dependence on a single economic activity
(D) Increased trade with North and Latin American countries

53. What is the MAIN difference between renewable and non-renewable resources?

(A) Uses in everyday life
(B) Where they are found
(C) Length of time to regenerate
(D) Length of time for which they could be stored

54. Which of the following is a benefit of urban growth to Caribbean cities?

(A) Increased economic activity
(B) Expansion of cities outwards
(C) Growth of squatter settlements
(D) Greater demand for transportation

55. Which of the following factors has contributed the LEAST to the development of the food processing industry in the Caribbean?

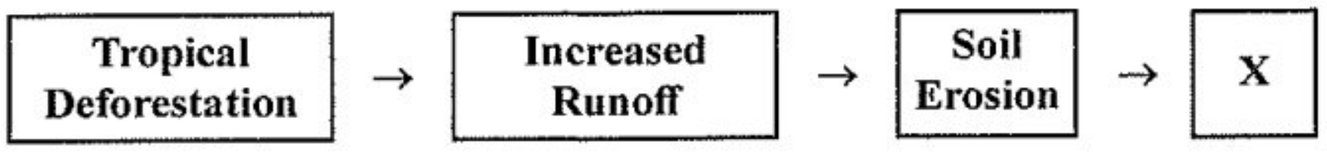
(A) High food import bill
(B) Availability of raw materials
(C) Level of government intervention
(D) Competition on the global market

56. Changes in global trade policies impact traditional export crops from the Caribbean because they

(A) stimulate policies
(B) encourage competition
(C) encourage climate change
(D) increase preferential markets

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Items **57** and **58** refer to the following diagram showing a series of consequences resulting from tropical deforestation.



57. Which of the following consequences BEST represent(s) **X**?

(A) Flooding
(B) Landslides
(C) Reduced rainfall
(D) Decreased canopy

58. What other consequence can result from tropical deforestation?

(A) Lumbering
(B) Loss of flora
(C) Increase in fauna
(D) Increase in underground water

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59. Which of the following factors has positively influenced the development of agriculture in the Caribbean over the last ten years?

(A) The abundance of flat arable land
(B) The need to reduce the importation of food
(C) The availability of a highly skilled labour force
(D) The existence of favourable trade agreements

60. Which of the following measures is used in the sustainable management of fisheries in the Caribbean?

(A) The removal of fishing quotas
(B) The relaxation of maritime laws
(C) The establishment of fish sanctuaries
(D) The reduction of closed fishing seasons

A002

END OF TEST

IF YOU FINISH BEFORE TIME IS CALLED, CHECK YOUR WORK ON THIS TEST.

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