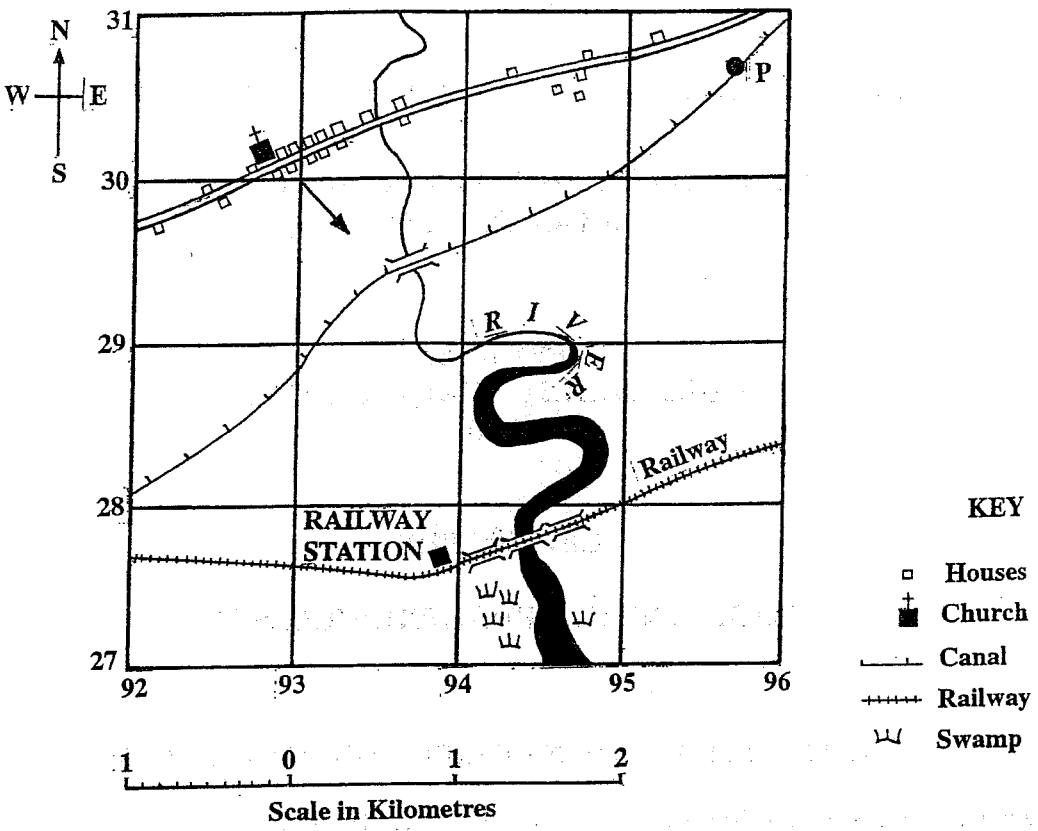
Items 1 - 5 refer to the following map.



1. What is the grid reference of Point P?

(A) 307957
(B) 305954
(C) 954305
(D) 957307

2. The straight-line distance, in km, between the church and the railway station is

(A) 2.2
(B) 2.8
(C) 3.0
(D) 3.8

3. In which direction is the arrow on the map pointing?

(A) South-east
(B) South-west
(C) East-south-east
(D) South-south-east

4. The man-made feature running south-west through P is a

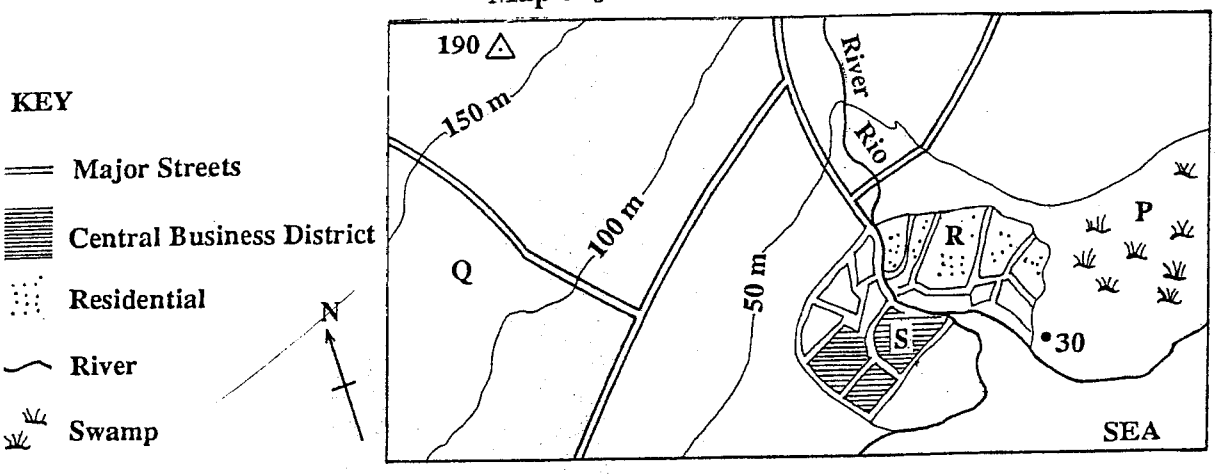
(A) road
(B) canal
(C) railway
(D) swamp

5. The settlement pattern in the map is BEST described as being

(A) linear
(B) isolated
(C) dispersed
(D) nucleated

Items **6 - 10** refer to the following map extract on a scale of 1 : 100 000

Map of Jalltown



6. Which of the following features of Jalltown are the BEST reasons for its location?

I. It is on flat land.
II. It has a supply of fresh water.
III. It is near to the swamp.
IV. It is on the sea coast.

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

7. A prospective buyer of a house is BEST advised to search in area

(A) P
(B) Q
(C) R
(D) S

8. What is the general direction of flow of the river shown in the diagram above?

(A) West to east
(B) East to west
(C) South to north
(D) North to south

9. The width of the contour interval is

(A) 50 m
(B) 100 m
(C) between 50 and 150 m
(D) between 50 and 190 m

10. Where would the land value be HIGHEST on the sketch map?

(A) P
(B) Q
(C) R
(D) S

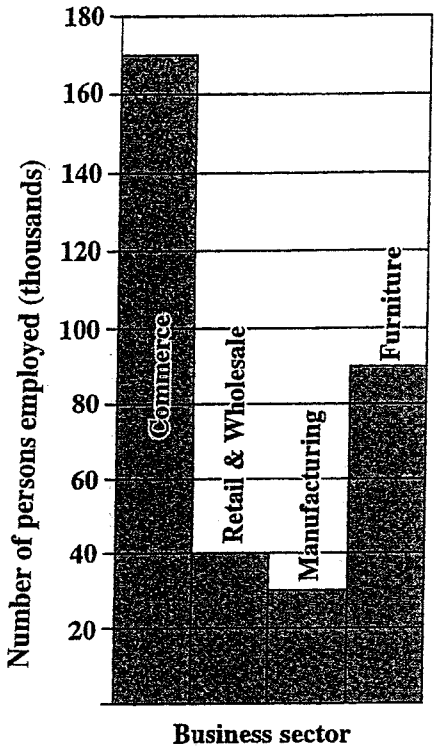
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11. What time is it likely to be at Town X (15° E) when it is 10 a.m. at Greenwich (0°)?

(A) 9.00 a.m.
(B) 9.30 a.m.
(C) 10.30 a.m.
(D) 11.00 a.m.

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Items 12 - 14 are based on the bar graph below which shows employment figures for several business sectors in a Caribbean territory.



12. What is the TOTAL number of persons employed in the manufacturing and furniture sectors?

(A) 90 000
(B) 100 000
(C) 120 000
(D) 130 000

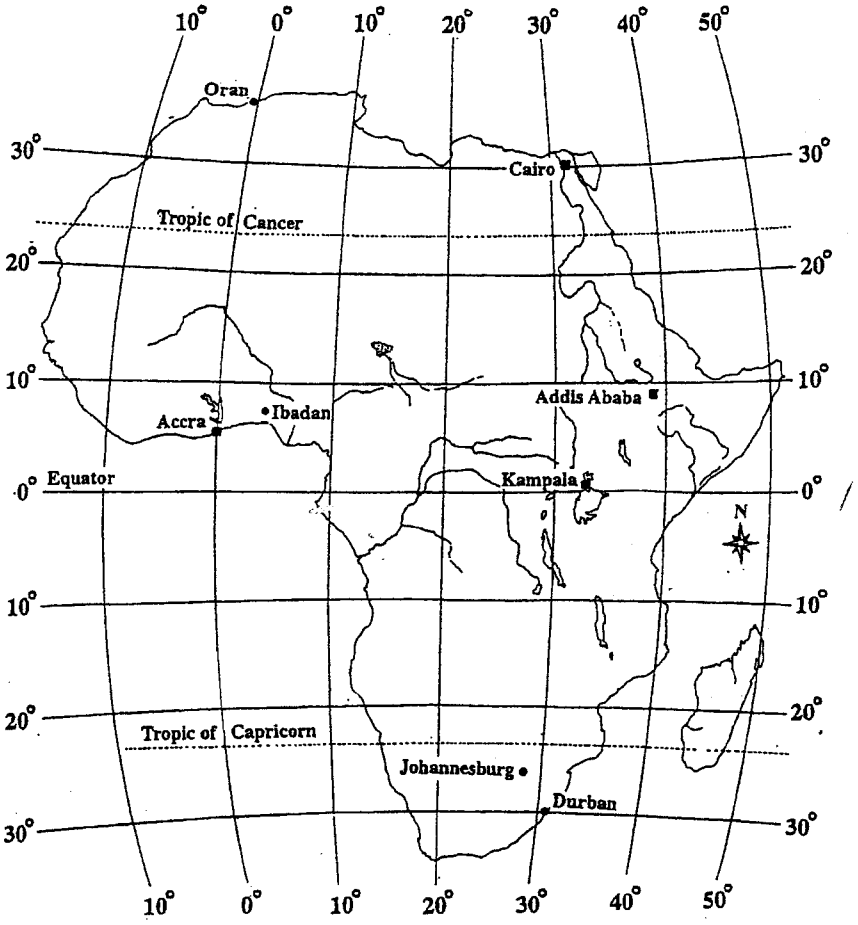
13. According to the information from the bar graph above which of the following is NOT true?

(A) The manufacturing sector employs the least number of people.
(B) More than one-half of the entire business sector is employed in commerce.
(C) The retail and wholesale sector employs less than half of the number of people employed in furniture.
(D) The two sectors, furniture, and retail and wholesale, employ more people than commerce.

14. What is the TOTAL number of persons employed in the four sectors shown in the bar graph above?

(A) 310 000
(B) 320 000
(C) 330 000
(D) 350 000

Items **15 - 16** refer to the following map:



15. The MOST accurate location for the city of Durban is

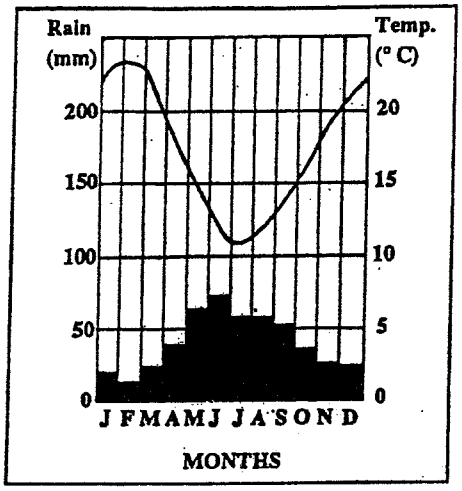
(A) Latitude 30°S, longitude 31°E
(B) Latitude 31°S, longitude 29°E
(C) Latitude 29°N, longitude 29°W
(D) Latitude 29°N, longitude 31°W

16. Which of the following cities lie South of 0° latitude?

I. Oran
II. Accra
III. Durban
IV. Johannesburg

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

Items 17 -19 refer to the rainfall and temperature graph below.



17. The TWO wettest months of the year indicated in the graph shown above are

(A) May and June
(B) July and August
(C) January and February
(D) November and December

18. The annual range of temperature is approximately

(A) 3°C
(B) 5°C
(C) 12°C
(D) 19°C

19. Which of the following statements is true?

(A) The hottest months of the year are also the driest.
(B) The hottest months of the year are also the wettest.
(C) There is little variation in temperature throughout the year.
(D) There is little variation in rainfall throughout the year.

20. Isobars are lines drawn on a map which join places experiencing the same

(A) annual rainfall
(B) relative humidity
(C) atmospheric pressure
(D) mean annual temperature

21. The formation of young fold mountains is NOT explained by

(A) upwelling of magna to form new plates
(B) deposition of sediments in a shallow basin
(C) compression of sediments by colliding plates
(D) elevation of sediments into anticlines and synclines

22. Which of the statements below describes basic lava?

I. Flows easily
II. Erupts explosively
III. Forms a shield volcano
IV. Has high percentage of iron

(A) I, II and III
(B) I, III and IV
(C) II, III and IV
(D) All of the above

23. Sea floor spreading occurs at the

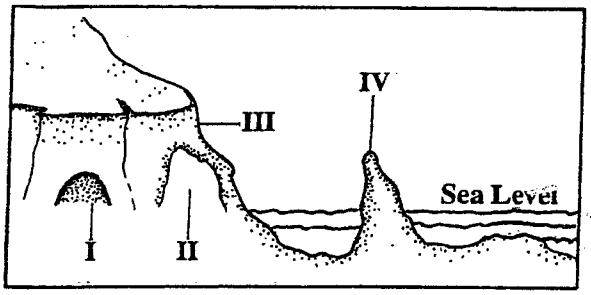
(A) mid-Atlantic ridge
(B) Windward Passage
(C) floor of the Puerto Rico trench
(D) junction of the Caribbean and Cocos plates

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24. Which of the following relief features is a result of plate tectonic activity in the Caribbean?

(A) Aripo Plains in Trinidad
(B) Soufrière in St. Vincent
(C) Palisadoes Spit in Jamaica
(D) Rupununi Savannas in Guyana

Items 25 -26 refer to the diagram below.



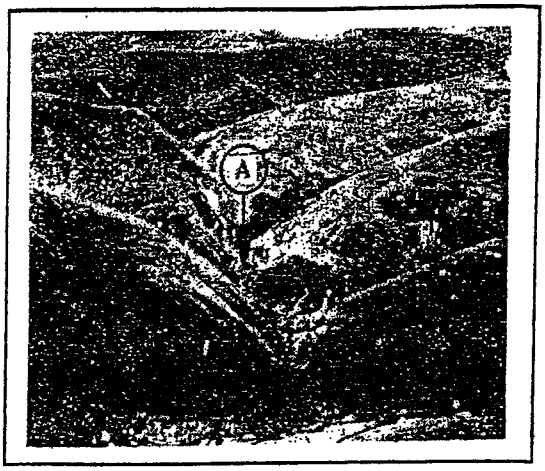
25. The CORRECT order of the features identified by I, II, III, IV, on the diagram above is

(A) Cave, arch, cliff, stack
(B) Arch, cave, stack, cliff
(C) Stack, cliff, arch, cave
(D) Cliff, cave, stack, arch

26. Which of the following processes is NOT likely to be an important agent in the formation of the labelled features, I, II, III, IV, on the diagram above?

(A) Abrasion
(B) Corrosion
(C) Deposition
(D) Hydraulic action

Items 27 - 28 refer to the photograph below.



27. The valley labelled A in the photograph above is MOST likely formed as a result of

(A) folding
(B) faulting
(C) running water
(D) mass movement

28. Which of the following BEST describes the pattern formed by the sides of the valley in the photograph above?

(A) Meanders
(B) Terraces
(C) Knick-points
(D) Interlocking spurs

29. Which one of the following groups contains ONLY processes of wind erosion?

(A) Abrasion, deflation, attrition
(B) Corrosion, attrition, plucking
(C) Plucking, corrosion, deflation
(D) Deflation, abrasion, hydraulic action

30. Which of the following conditions may result from man's utilization of the natural environment?

I. Soil erosion
II. Pollution
III. Depletion of natural resources

(A) I and II only
(B) II and III only
(C) I and III only
(D) I, II and III

31. Which of the following statements is NOT true about waves?

(A) They are caused by wind blowing over the surface of the water.
(B) On nearing the beach, the speed of waves slackens and the tops are thrown forward.
(C) The body of water forming the waves increases rapidly as it approaches the coast.
(D) The stronger the wind and the greater the fetch, the more powerful the waves are.

32. It is most likely that recent hurricanes in the Caribbean have caused fewer deaths because

(A) families no longer live in unsafe areas
(B) many hurricanes have occurred during the day
(C) the majority of the population goes to storm shelters
(D) there have been improved forecasts of hurricane tracks

33. The process in which water vapour cools and forms water droplets is termed

(A) convection
(B) evaporation
(C) precipitation
(D) condensation

34. The MOST important factor explaining the difference between weather and climate is

(A) time
(B) location
(C) rainfall
(D) temperature

35. Tropical or easterly waves in the Caribbean are MOST common during the months

(A) June to July
(B) May to October
(C) December to March
(D) November to December

36. Four climatic features are listed below.

I. Low pressure all the year around
II. High annual rainfall, mostly convectional
III. Small annual range of temperature
IV. High average daily temperature

Which of the following climatic types is characterised by ALL of the features described above?

(A) Equatorial
(B) Tropical Marine
(C) Tropical Continental
(D) Cool Temperature Interior

37. The concentration of minerals in the lower layers of a soil profile is the result of

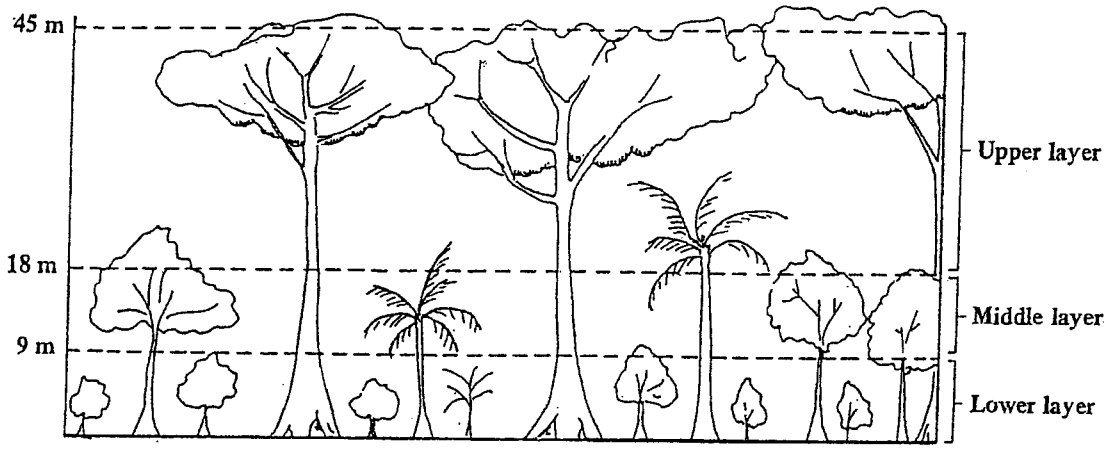
(A) erosion
(B) leaching
(C) capillarity
(D) illuviation

38. Which of the following is NOT likely to result from slash and burn agriculture on steep slopes?

(A) Erosion of slopes
(B) Flooding on lowlands
(C) Deeper soil on slopes
(D) Rapid downhill movement of water

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Items **39 - 40** refer to the diagram below which shows the three layers in an Equatorial Forest.



39. Plants which grow in the lower layer are adapted to growing in

(A) low humidity
(B) shaded areas
(C) bright sunlight
(D) windy conditions

40. The trees which grow in the upper layers have buttress roots MAINLY because the

(A) trees are tall
(B) rainfall is heavy
(C) temperatures are high
(D) creepers grow around the trees

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41. Which of the following are ways in which natural vegetation adapts to climatic conditions?

I. Development of water-storage organs
II. Shedding of leaves during the dry season
III. Development of long roots
IV. Development of special types of leaves

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

42. Island B has an area of 20 km^2 and a population of 1000 people. What is the population density of Island B?

(A) $\frac{1}{50}$ per km^2
(B) 50 per km^2
(C) 500 per km^2
(D) 20 000 per km^2

43. The table below shows birth and death rates for Country A in 2000.

Birth Rate per 1000	Death Rate per 1000
20	15

For 2000, the natural increase in Country A is

(A) 0.005%
(B) 0.5%
(C) 5.0%
(D) 3.5%

44. Which of the following areas would have its HIGHEST population density in the daytime?

(A) A squatter settlement
(B) A rural fishing village
(C) A suburban residential area
(D) An urban commercial centre

45. Which of the following terms BEST explains the rapid growth in size of MOST urban centres in the Caribbean?

(A) An ageing population
(B) The migration of persons from rural areas
(C) High birth rates and low infant mortality
(D) An increase in the number of immigrants

46. Which of the following features are characteristic of peasant farms in the Caribbean?

I. Small holdings
II. Large holdings
III. Family labour
IV. Local market

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

47. Which of the following statements is true of subsistence farming?

(A) Individual farms are quite small.
(B) Yields per farmer are generally high.
(C) Large amounts of fertilisers are used on the farm.
(D) Crop cultivation is not as important as animal rearing.

48. Commercial pastoral farming in Caribbean territories is LEAST likely to take place near urban settlements because

(A) there are no large areas of land for grazing
(B) the soil in these locations is infertile
(C) the size of population is too small to support this activity
(D) animal diseases are easily passed on to humans

49. Which of the following factors has NOT contributed to the development of the garment industry in the Caribbean?

(A) Availability of local raw materials
(B) Incentives by local governments
(C) The need for more job opportunities
(D) The presence of local and regional markets

50. Which of the following considerations is LEAST important in choosing a location for a fishing industry?

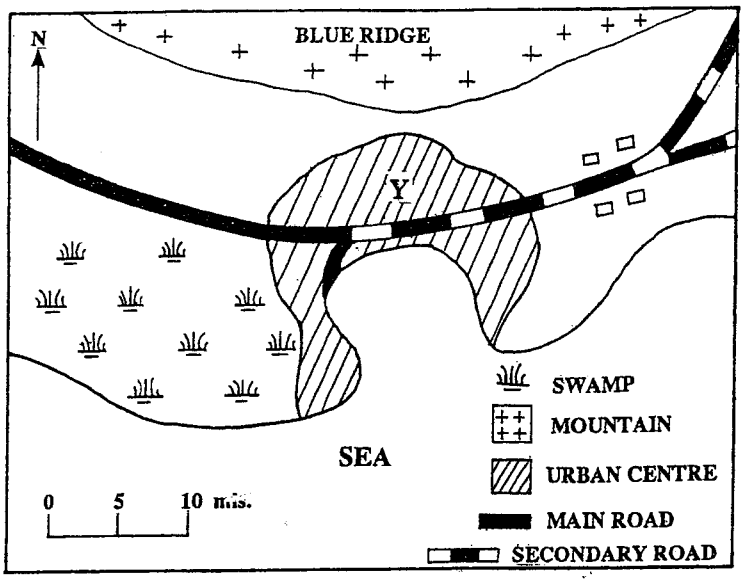
(A) A large labour force
(B) Nearness to the sea
(C) Adequate marketing facilities
(D) Adequate storage facilities

51. Which of the following is the MAIN reason why flour mills in the Caribbean are situated on coastal locations?

(A) Availability of cheap labour
(B) Availability of cheap power supply
(C) Nearness to the waste disposal facilities
(D) Nearness to facilities for unloading raw materials

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Items **52 - 53** are based on the following sketch map.



52. Which of the following features BEST explain why the urban centre in the sketch map above is located at Y?

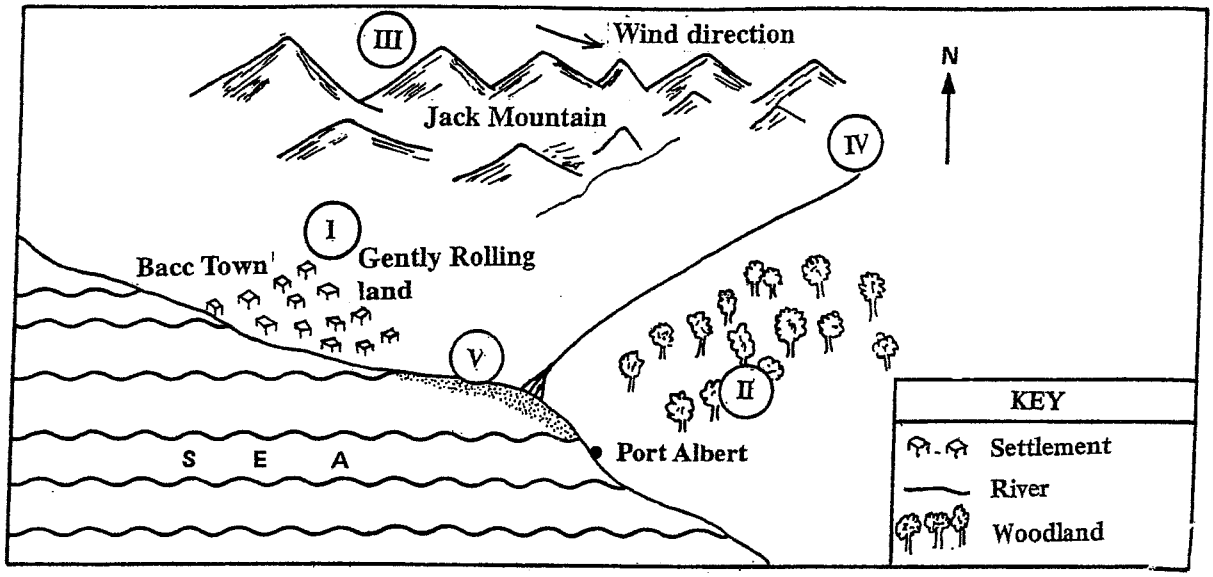
I. The presence of flat land
II. The nearness to the mountains
III. The presence of a natural harbour

(A) I and II only
(B) I and III only
(C) II and III only
(D) I, II and III

53. In which direction is the urban centre MOST likely to expand?

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

Items **54 - 55** are based on the following sketch map.



54. Which of the areas, labelled (I), (II), (III) and (IV), is MOST LIKELY to be developed as a tourist resort?

(A) I
(B) II
(C) IV
(D) V

55. Which of theareas, labelled (I), (II), (III) and (IV), would be the BEST area for locating a new factory in order to minimize the effects of air pollution?

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

56. The main reasons for urbanization in the Caribbean are

I. natural increase of the population in the cities
II. expectation of more jobs in the cities
III. migration from rural areas to urban areas
IV. migration from urban areas to rural areas

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

57. Agriculture is an important economic activity in the Caribbean because

(A) it is heavily mechanized
(B) it employs a significant percentage of people
(C) government allocates a significant portion of its budget to the sector
(D) it accounts for a significant portion of the foreign exchange earnings in many countries

58. Many garment industries in the Caribbean are closing business MAINLY because

(A) the demand for clothes is falling
(B) cheaper imports are entering the region
(C) the rates for wages are lower in South-East Asia and Mexico
(D) many women refuse to work in the factories

59. In the long-term, volacnic eruptions can have beneficial effects to a country by

I. relocating people to new areas in the country
II. producing deposits of gold, copper and other minerals
III. providing sources of energy to be used for electricity needs
IV. bringing new materials to the earth's surface which produce rich soils

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

60. In advance of the approach of a hurricane, risk to lives can be reduced by

I. relocating people to shelters
II. evacuating people living in low-lying areas
III. encouraging people to stock up on fresh supply
IV. encouraging people to acquire generators for their energy needs

(A) I and II only
(B) III and IV only
(C) I, II and III only
(D) All of the above

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