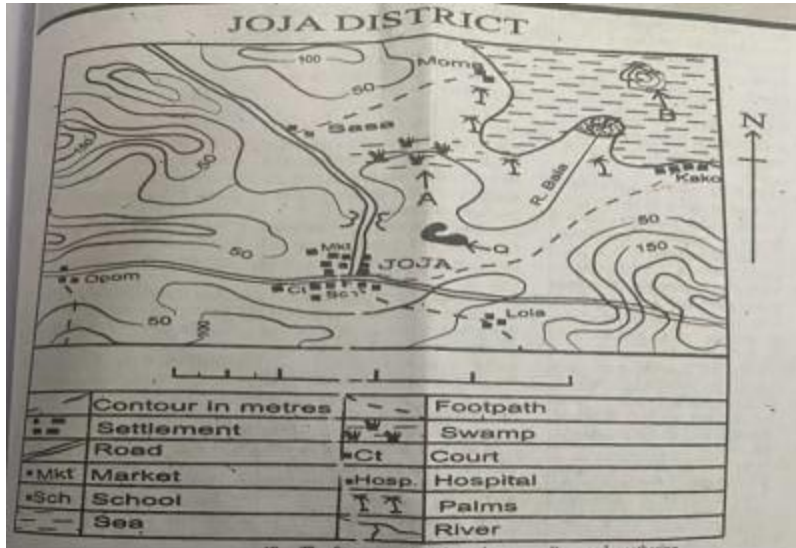


1.

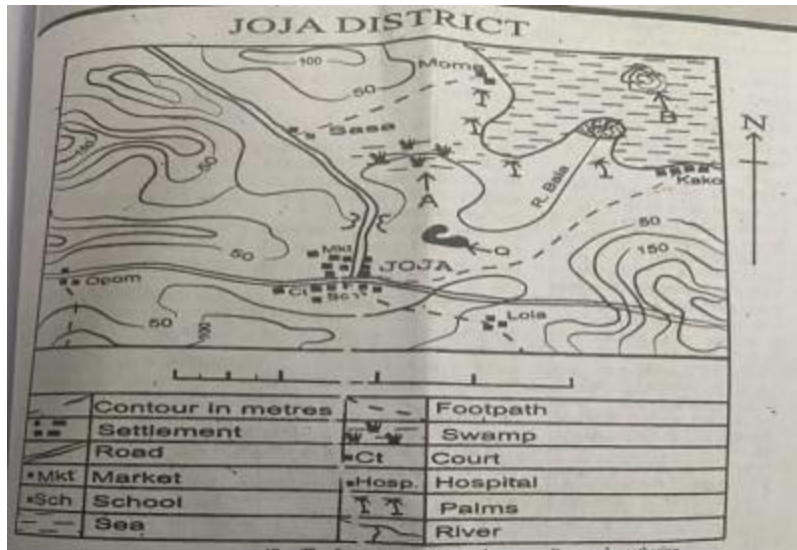


Study the map of joja district and use it to answer this question

What is the scale of the map in the statement form

- A. 1 centimeter on the map represents 2 kilometers on the ground
- B. 1 centimeter on the map represents 1 kilometer on the ground
- C. 1 centimeter on the map represents 1/2 kilometer on the ground
- D. 1 centimeter on the map represents a kilometer on the ground

2.



study the map of Jada district and use it to answer this question

The contour interval on the mapped arc is

- A. 50 meters
- B. 100 meters
- C. 150 meters
- D. 200 meters

JOJA DISTRICT

100 50 Momo

Sase

Opom

Mkt

Ct

Sch

JOJA

R. Sase

Lolo

150

50

1000

500

0

500

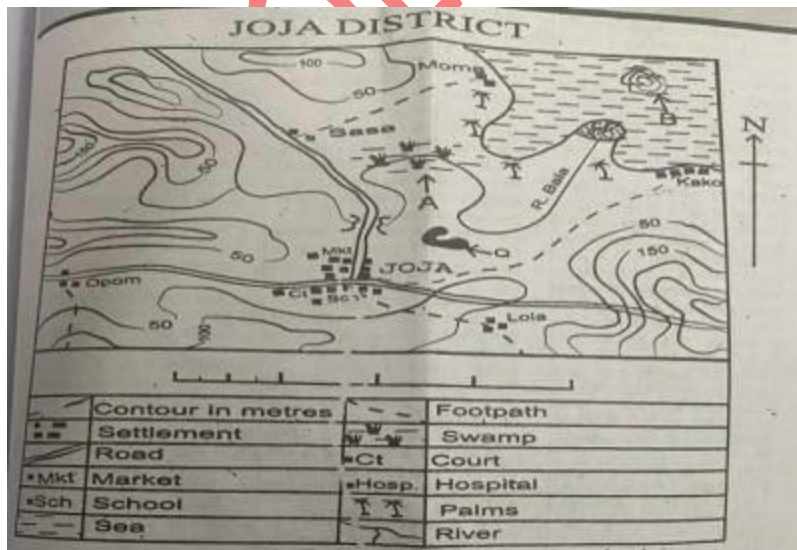
1000

North Arrow

	Contour in metres		Footpath
	Settlement		Swamp
	Road		Court
	Market		Hospital
	School		Palms
	Sea		River

The future of the mouth of River Bala is likely to be a

- 4.

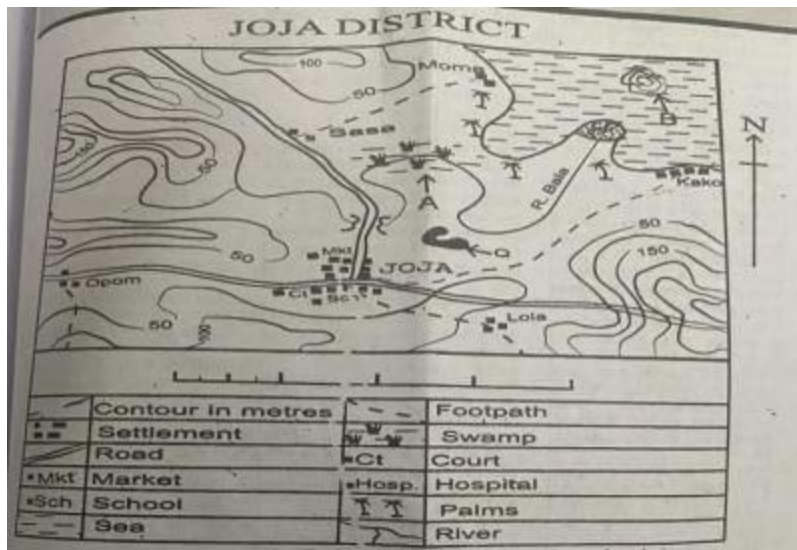


Study the map of Jada districts and use it to answer this question

What is the direction of Sasa from Moma?

- A. north east
- B. south west
- C. north west
- D. south east

5.

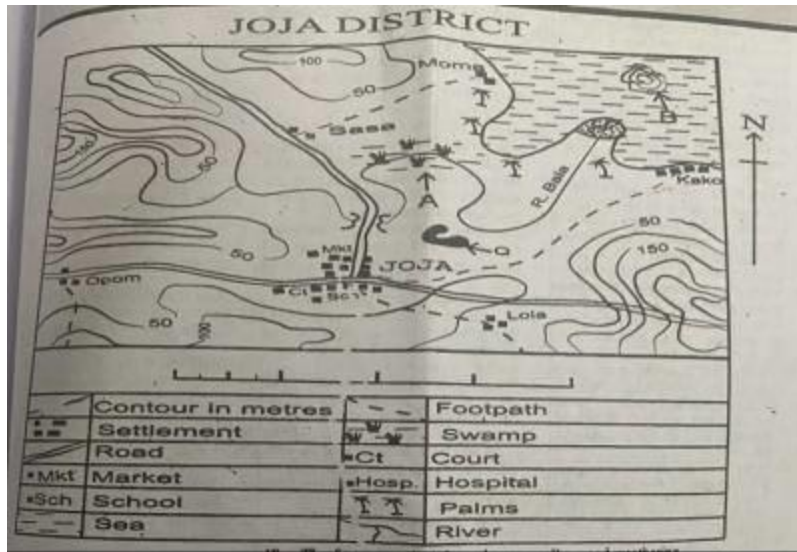


Study the map of Joja district and use it to answer this question

The highest point of the mapped area is approximately

- A. 325 meters
- B. 375 meters
- C. 390 meters
- D. 395 meters

6.



Study the map of Joja district and use it to answer this question

Which part of the mapped area can coastal fishing be practiced?

- A. south western
- B. south eastern
- C. north eastern
- D. north western

7.

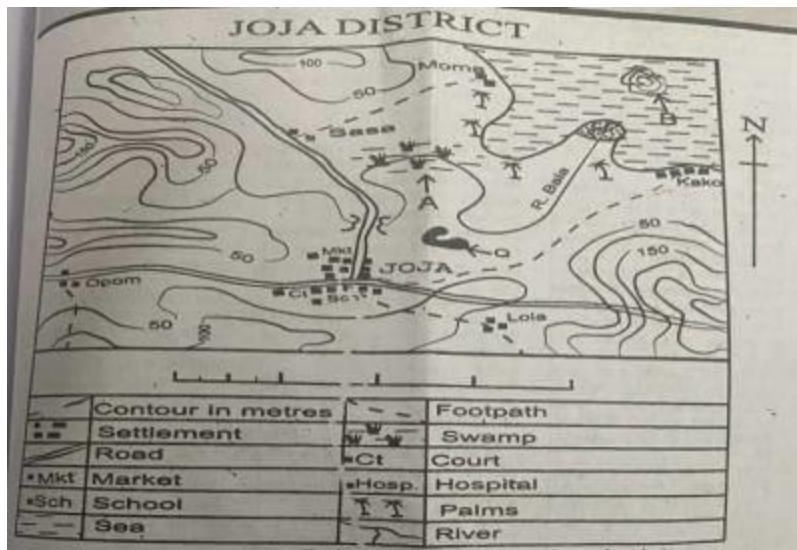


Study the map of Joja district and use it to answer this question

The feature marked Q on the mapped area can be described as

- A. meander
- B. levee
- C. elbow
- D. oxbow lake

8.

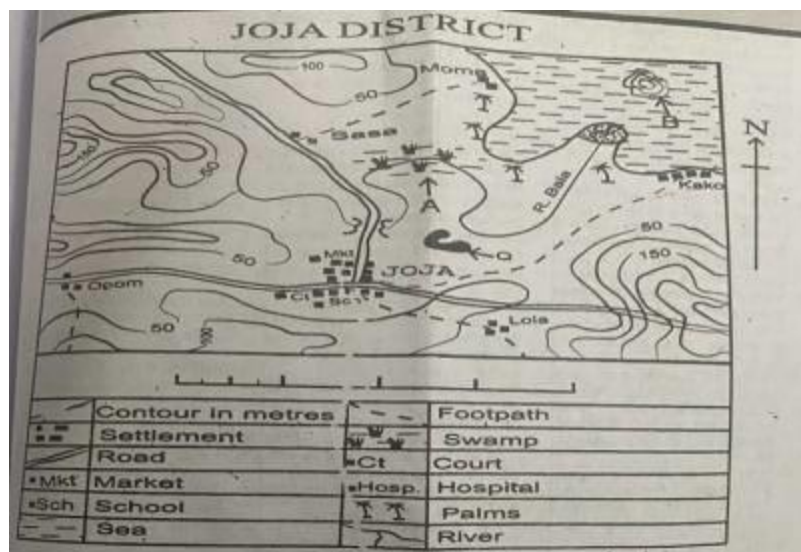


Study the map of Joja district and use it to answer this question

Which of the following settlements is likely to engage in fish processing

- A. Lola
- B. Sasa
- C. Kako
- D. Opom

9.



Study the map of Joja district and use it to answer this question

What is the approximate bearing of Lola from Sasa?

- A. 63
- B. 154
- C. 206
- D. 334

10. The table below shows the temperature and rainfall distribution of Station F.

Study and use it to answer this question

station F

month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Temperature	23	24	29	34	36	35	33	31	33	32	28	23
Rainfall(mm)	0	0	0	10	108	133	187	201	187	5	0	0

the annual rainfall recorded at Station F is

- A. 831 mm

B. 813 mm

C. 381 mm

C. 318 mm

11. The table below shows the temperature and rainfall distribution of Station F.

Study and use it to answer this question

station F

month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Temperature	23	24	29	34	36	35	33	31	33	32	28	23
Rainfall(mm)	0	0	0	10	108	133	187	201	187	5	0	0

Which of the following months is the hottest

A. January

B. April

C. May

D. September

12. The table below shows the temperature and rainfall distribution of Station F.

Study and use it to answer this question

station F

month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Temperature	23	24	29	34	36	35	33	31	33	32	28	23
Rainfall(mm)	0	0	0	10	108	133	187	201	187	5	0	0

What is the annual range of temperature for station F

A. 360c

B. 230c

C. 130c

D. 30c

13. Which of the following represents the correct sequence in which denudation occurs?

A. weathering, erosion, and deposition

B. erosion, weathering, and deposition

C. weathering, deposition, and erosion

D. disposition, erosion, and weathering

14. Which drainage pattern is best formed in the area of alternate hard and soft rocks

A. trellised

B. dendritic

C. radial

D. annular

15. Rocks formed through cementation of accumulated materials under water is ?

A. metamorphic

B. igneous

C. sedimentary

D. acidic

16. An intrusion of thick acid lava, which forces overlaying sedimentary rock layers to bulge into a dome, may cool and solidify to form a

A. batholith

B. laccolith

C. dyke

D. lopolith

17. The Greek system of classifying climate is based on

A. temperature

B. rainfall and temperature

C. rainfall and vegetation

D. humidity

18. What will be the time at Greenwich meridian when it is 12 noon at longitude 60°E

A. 4.00 a.m.

B. 4.00 p.m

C. 8.00 a.m.

D. 8.00 p.m

19. The movement of Earth around the sun on its elliptical orbit is called

A. rotation

B. axis

C. revolution

D. gravitation

20. The Deccan Plateau in Indian is a good example of

A. dissected plateau

B. volcanic plateau

C. tectonic plateau

D. intermontane plateau

21. Horst is a feature associated with?

A. volcanic mountain

B. residual mountain

C. block mountain

D. fold mountain

22. Which of the following pairs of land forms are surface features of a karst region? i.Clint
ii.Grikes iii.Stalagmite iv.Cavin

A. i and ii only

B. i and iii only

C. ii and iii only

D. ii and iv only

23. Two towns, A and B, are on the international dateline. What will be the distance between the two towns if town A is located on latitude 40°N and town B is located on latitude 10°N?

A. 8880 kilometers

B. 5550 kilometers

C. 3330 kilometers

D. 2220 kilometers

24. Wind erosion results in the formation of the following land forms except.

A. zeugen

B. yardang

C. ventifact

D. barchan

25. Which of the following best explains the breaking down of well jointed rocks into large rectangular-shaped features by mechanical weathering?

A. block disintegration

B. exfoliation dome

C. landslide

D. solifluction

26. Which of the following sequence is correct in the formation of a stack

A. cave, arch, headland, stack

B. headland cave, arch, stack

C. headland, arch, cave, stack

D. cave, headland arch, stack

27. Which of the following conditions can produce a waterfall?

A. sharp break in the bed of a river

B. elbow of capture of young rivers

C. backward erosion

D. lateral erosion

28. In which of the following regions will weathering by frost action occur throughout the years

A. cool temperate

B. equatorial

C. monsoon

D. Mediterranean

29. The lapse rate refers to the average rate at which ?

A. radiant energy is converted to heat

B. air pressure decreases with altitude

C. Air pressure increases with altitude

D. temperature decreases with altitude

30. Which of the following is proof of the Earth's spherical shape?

A. circumnavigation

B. variation in the length of the day and night making of a year

C. Rise and fall of tides

31. Which of the following types of rocks contain fossils?

A. igneous

A. sedimentary

C. metamorphic

D. volcanic

32. The natural exchange of water between land, oceans and the atmosphere is known as

- A.** energy cycle
- B.** hydrological cycle
- C.** nitrogen cycle
- D.** carbon cycle

33. Lines drawn on a map connecting places with equal duration of sunshine are called

- A.** isohels
- B.** isotherms
- C.** isonephs
- D.** isohyets

34. Which of the following examples of rock is mostly likely to be weathered by the process of solution?

- A.** slates
- B.** graphite
- C.** limestone
- D.** granite

35. Which of the following occurs when the sun is vertically overhead at the equator?

- A.** equinox
- B.** solstice
- C.** deflection of winds and ocean currents
- D.** rise and fall of tides

36. Which of the following pairs of ways can be used to solve the world's high population concentration problems

i family planning

ii sex education

iii early marriage

iv industrialization

- A.** i and ii only

- B. only**
- C. ii and iii**
- D. iii and iv only**

37. Which of the following countries in West Africa is well known for the production of diamonds?

- A. togo**
- B. burkina faso**
- C. siera leone**
- D. benin**

38. Which of the following is a leading industrial area in North America?

- A. The northeastern industrial area of USA**
- B. central Canada industrial area**
- C. South Mexico Industrial Area**
- D. The Guatemala industrial area**

39. "It is an intensive cultivation of fruits, vegetables, flowers, it is small-scale farming, the yields are very high per hectare, produce sold to customers is usually fresh, and commonly practiced in urban communities."

the above statements are the characteristics of a?

- A. mixed farming**
- B. sericulture**
- C. market gardening**
- D. viniculture**

40. An advantage of a large population is?

- A. increase in government expenditure**
- B. surplus empowerment opportunities**
- C. abundant labour force**
- D. small market for goods**

41. Which of the following best describes the relationship between rural and urban areas?

- A. urban areas are not as important as rural areas
- B. urban and rural areas depend on each other
- C. rural areas exist only to serve urban areas
- D. urban areas can exist without rural areas

42. Which of the following factors has the greatest influence on the location of the cement industry?

- A. proximity to source of raw materials
- B. nearness to market
- C. source of capital
- D. manpower development

43. Which of the following best describes high population growth?

- A. The number of births equals the number of deaths
- B. birth rate are equal to death rate
- C. emigration is equal to immigration
- D. birth rates are higher than death rates

44. Which of the following pairs of activities can initiate deforestation?

i.lumbering

ii afforestation

iii excavation

iv grazing

- A. i and iv only
- B. ii and iii only
- C. ii and iv only
- D. i and ii only

45. Which of the following is a major of plantation agriculture?
- A. Control weeds with herbicide
 - B. encourage monoculture
 - C. foreign exchange earners
 - D. application of modern technology
46. Which of the following is arranged according to the increasing size of settlement?
- A. town, conurbation, hamlet, and village
 - B. Hamlet, village, town and conurbation
 - C. village, town, conurbation, and hamlet
 - D. conurbation, town, hamlet, and village
47. Wood carving, leather work, and cloth weaving are examples of?
- A. chemical industry
 - B. power industry
 - B. heavy industry
 - D. local craft industry
48. Population density is defined as the average
- A. number of people in the capital town
 - B. number of people living in a unit area
 - C. number of human resources
 - D. number of deaths and births in a unit area
49. A settlement pattern in which houses are arranged along lines of transportation is described as
- A. dispersed
 - B. linear
 - C. radial
 - D. nucleated

50. Differentiate between primary and secondary industries

(b) Outline four reasons for the predominance of light industries in developing countries

(c) Highlight four contributions of the industrial sector to the economic development of developing countries

51. States four migration patterns

(b) Explain five factors that can trigger population movement in tropical Africa.

(c) Highlight three effects of population movement on the destination region in tropical Africa.

52. What is birth rate?

(b) Outline three factors that can affect birth rate in tropical Africa

(c) Highlight three advantages of overpopulation in tropical Africa

(d) Identify three problems created by overpopulation in tropical Africa

53. Draw an outline map of Nigeria. On the map, locate and name

(i) one international airport

(ii) one river part

(iii) lafia

(b) Outline four problems that affect transportation in Nigeria

(c) In what three ways has transportation contributed to the economic development of Nigeria

54. Study the map extract provided on a scale of 1:50,000 and answers the questions that follow

(a) draw an outline of the mapped area to a third of its original size and state the scale of a new outline.

(b) In your outline, insert and name

(i) river Nyamsu and its direction of flow with an arrow ;

(ii) the ridge at the south eastern part of the mapped area ;

(iii) Jimisokakarba settlement

(c) describe three characteristics of the feature running from the south western to the north eastern part of the mapped area.

(d) describe three by which transportation network is influenced by the relief in the mapped area.

55. The table G below shows the value of commodities exported by a country in the year 2020. Study and use the question that follows

Table G

exported commodities	value of commodities in US dollars
Cocoa	729
Diamond	400
Gold	900
Crude oil	196

(a) Using a radius scale of 1 cm to represent 10 units, draw proportional circles to represent the value of exported commodities by the country in a year 2020, [use the square root method]

(b) calculate the percentage of the value of gold exported in the year 2020.

56. List three processes of wind erosion

(b) with the aid of a diagram, describe the characteristics and mode of formation of a zeugen

57. What is igneous rock?

(b) states three characteristics of igneous rocks

(c) Explain five economic importance of igneous rocks

58. State three conditions that favour the development of karst topography

(b) describe the characteristics and mode of formation of sink hole

59. Using Kppen's system of classification of climates ,identify the types of climate that are represented by the letter listed below ;

(i) Af

(ii) Am

(iii) Aw

(b) outline six characteristics of A f climates

60. List three features that can be found in the middle course of a river.

(b) Describe the characteristics and mode of formation of a pothole

61. Define atmospheric resources:

(b) Outline three important of atmospheric resources.

(c) Highlight three human activities that adversely affect the composition of the atmosphere.

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