

SC 2041
WASSCE (SC) 2024
GEOGRAPHY 1
Objective Test
1 hour

Name

Index Number

Answer all the questions.

Each question is followed by four options lettered A to D. Find the correct option for each question. Shade in pencil on your answer sheet, the answer space which bears the same letter as the option you have chosen.

Give only one answer to each question. An example is given below.

Which of the following is the most common form of migration in developing countries?

- A. Rural-rural
- B. Rural-urban
- C. Urban-rural
- D. Urban-urban

The correct answer is rural-urban, which is lettered B, and therefore answer space B would be shaded.

A B C D

Think carefully before you shade the answer spaces; erase completely any answers you wish to change.

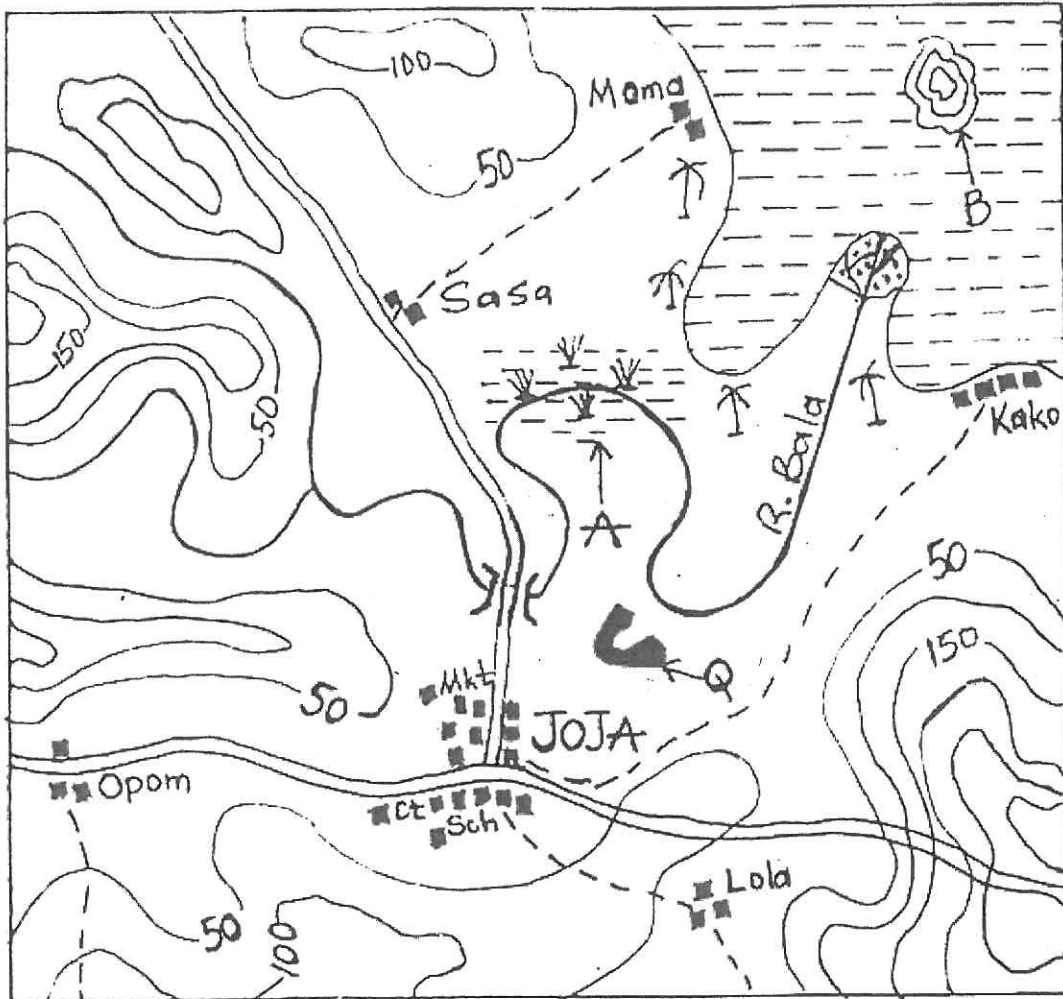
Do all rough work in this question paper.

Now answer the following questions.

Study the map of JOJA DISTRICT and use it to answer questions 1 to 10.

1. What is the scale of the map in statement form?
 - A. 1 centimetre on the map represents 2 kilometres on the ground.
 - B. 1 centimetre on the map represents 1 kilometre on the ground.
 - C. 1 centimetre on the map represents $\frac{1}{2}$ kilometre on the ground.
 - D. 1 centimetre on the map represents $\frac{1}{4}$ kilometre on the ground.
2. The contour interval on the mapped area is
 - A. 50 metres.
 - B. 100 metres.
 - C. 150 metres.
 - D. 200 metres.
3. The feature at the mouth of River Bala is likely to be a
 - A. waterfall.
 - B. river capture.
 - C. saddle.
 - D. delta.
4. What is the direction of Sasa from Moma?
 - A. North east
 - B. South west
 - C. North west
 - D. South east
5. The highest point on the mapped area is approximately
 - A. 325 metres.
 - B. 375 metres.
 - C. 390 metres.
 - D. 395 metres.
6. The distance as the crow flies from Opom to Moma is approximately
 - A. 4 kilometres.
 - B. 6 kilometres.
 - C. 12 kilometres.
 - D. 16 kilometres.

JOJA DISTRICT



50	Contour in metres	- - - -	Footpaths
■ ■ ■ ■	Settlement	~ ~ ~ ~	Swamp
—	Road	■ Ct	Court
■ Mkt	Market	■ Hosp.	Hospital
■ Sch	School	⊕ ⊕	Palms
— — — —	Sea	~ ~ ~ ~	River

7. Which part of the mapped area can coastal fishing be practised?
 A. South western
 B. South eastern
 C. North eastern
 D. North western
8. The feature marked Q on the mapped area can be described as
 A. meander.
 B. levee.
 C. elbow of capture.
 D. ox-bow lake.
9. Which of the following settlements is **likely** to engage in fish processing?
 A. Lola
 B. Sasa
 C. Kako
 D. Opom
10. What is the **approximate** bearing of Lola from Sasa?
 A. 63°
 B. 154°
 C. 206°
 D. 334°

The table below shows the temperature and rainfall distribution of Station F.
 Study and use it to answer questions 11 to 13.

Station F

Month	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Temperature ($^\circ\text{C}$)	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

11. The annual rainfall recorded at Station F is
 A. 831 mm.
 B. 813 mm.
 C. 381 mm.
 D. 318 mm.
12. Which of the following months has the **hottest** temperature?
 A. January
 B. April
 C. May
 D. September
13. What is the annual range of temperature for Station F?
 A. 36°C
 B. 23°C
 C. 13°C
 D. 3°C
14. 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. Deposition, erosion and weathering

15. Which drainage pattern is best formed in areas of alternate hard and soft rocks?
 A. Trellised
 B. Dendritic
 C. Radial
 D. Annular
16. Rocks formed through cementation of accumulated materials under water is
 A. metamorphic.
 B. igneous.
 C. sedimentary.
 D. acidic.
17. An intrusion of thick acid lava which forces overlying sedimentary rock layers to bulge into a dome may cool and solidify to form a
 A. batholith.
 B. laccolith.
 C. dyke.
 D. lopolith.
18. The Greek system of classifying climate is based on
 A. temperature.
 B. rainfall and temperature.
 C. rainfall and vegetation.
 D. humidity.
19. 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
20. The movement of the earth around the sun on its elliptical orbit is called
 A. rotation.
 B. axis.
 C. revolution.
 D. gravitation
21. The Deccan plateau in India is a good example of
 A. dissected plateau.
 B. volcanic plateau.
 C. tectonic plateau.
 D. intermontane plateau.
22. Horst is a feature associated with
 A. volcanic mountain.
 B. residual mountain.
 C. block mountain.
 D. fold mountain.
23. Which of the following pair of landforms are surface features of a karst region?
 I. Clint
 II. Grikes
 III. Stalagmite
 IV. Cavern
 A. I and II only
 B. I and III only
 C. II and III only
 D. III and IV only

24. Two towns A and B are on the International Dateline, what would 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 kilometres
 - B. 5550 kilometres
 - C. 3330 kilometres
 - D. 2220 kilometres
25. Wind erosion results in the formation of the following landforms **except**
- A. zeugen.
 - B. yardang.
 - C. ventifact.
 - D. barchan.
26. 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
27. Which of the following conditions can produce a waterfall?
- A. A sharp break in the bed of a river
 - B. Elbow of capture of young river
 - C. Backward erosion
 - D. Lateral erosion
28. 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
29. In which of the following regions will weathering by frost action occur throughout the year?
- A. Cool temperate
 - B. Equatorial
 - C. Monsoon
 - D. Mediterranean
30. The normal 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.
31. Which of the following is a proof of the earth's spherical shape?
- A. Circum navigation
 - B. Variations in the length of day and night
 - C. Marking of a year
 - D. Rise and fall of tides
32. Which of the following types of rocks contain fossils?
- A. Igneous
 - B. Sedimentary
 - C. Metamorphic
 - D. Volcanic
33. The natural exchange of water between land, oceans and the atmosphere is known as the
- A. energy cycle.
 - B. hydrological cycle.
 - C. nitrogen cycle.
 - D. carbon cycle.

34. Lines drawn on maps connecting places with equal duration of sunshine are called
- isohels.
 - isotherms.
 - isonephs.
 - isohyets.
35. Which of the following examples of rock is most likely to be weathered by the process of solution?
- Slate
 - Graphite
 - Limestone
 - Granite
36. Which of the following occurs when the sun is vertically overhead at the equator?
- Equinox
 - Solstice
 - Deflection of winds and ocean currents
 - Rise and fall of tides
37. Which of the following pair of ways can be used to solve the world's high population concentration problems?
- Family planning
 - Sex education
 - Early marriage
 - Industrialization
- I and II only
 - I and III only
 - II and III only
 - III and IV only
38. Which of the following countries in West Africa is well known for the production of diamonds?
- Togo
 - Burkina Faso
 - Sierra Leone
 - Benin
39. Which of the following is a leading industrial area in North America?
- The North Eastern industrial area of USA
 - Central Canada industrial area
 - South Mexico industrial area
 - The Guatemala industrial area
40. 'It is an intensive cultivation of fruits, vegetables or flowers, it is small scale farming, the yields are very high per hectare, produce sold to customers are usually fresh and commonly practised in urban communities'. The above statements are characteristics of
- mixed farming.
 - sericulture.
 - market gardening.
 - viniculture.
41. An advantage of large population is
- increase in government expenditure.
 - surplus employment opportunities.
 - abundant labour force.
 - small market for goods.
42. Which of the following best describes the relationship between rural and urban areas?
- Urban areas are not as important as rural areas.
 - Urban areas and rural areas depend on each other.
 - Rural areas exist only to serve urban areas.
 - Urban areas can exist without rural areas.

Turn over

43. Which of the following factors has the **greatest** influence on the location of cement industry?
- Proximity to source of raw materials
 - Nearness to market
 - Source of capital
 - Manpower development
44. Which of the following **best** describes high population growth?
- Number of births equals number of deaths.
 - Birth rates are equal to death rates.
 - Emigration is equal to immigration.
 - Birth rates are higher than death rates.
45. Which of the following pairs of activities can initiate deforestation?
- Lumbering
 - Afforestation
 - Excavation
 - Grazing
- I and IV only
 - II and III only
 - II and IV only
 - I and II only
46. Which of the following is a **major** disadvantage of plantation agriculture?
- Control weeds with herbicides
 - Encourages monoculture
 - Foreign exchange earner
 - Application of modern technology
47. Which of the following is arranged according to increasing size of settlement?
- Town, conurbation, hamlet and village
 - Hamlet, village, town and conurbation
 - Village, town, conurbation and hamlet
 - Conurbation, town, hamlet and village
48. Wood carving, leatherwork and cloth weaving are examples of
- chemical industry.
 - power industry.
 - heavy industry.
 - local craft industry.
49. Population density is defined as the average
- number of people in the capital towns.
 - number of people living in a unit area.
 - number of human resources.
 - number of deaths and births in a unit area.
50. A settlement pattern with houses arranged along lines of transportation is described as
- dispersed.
 - linear.
 - radial.
 - nucleated.

END OF PAPER