

YEAR: 2022

GEOGRAPHY

Study the table below which shows the mean climatic conditions of station Q, and answer questions 1 and 2.

	J	F	M	A	M	J	J	A	S	O	N	D
T(°C)	-11	-9	4	3	12	17	19	17	11	4	-2	-8
P(mm)	28	23	30	38	48	51	71	74	56	36	41	41

T=Temperature. P= Precipitation

1. The annual temperature range at the station is ____.
 - A. 10° C
 - B. 20° C
 - C. 30° C
 - D. 40° C
2. This station belongs to which type of climate?
 - A. Mediterranean
 - B. Cold temperate
 - C. Cool temperate
 - D. Warm temperate
3. The tropical rainforest differs in structure from the savannah in that ____.
 - A. Both never occur in the same continent
 - B. The savannah is a natural vegetation while the rainforest is a derived one

- C. The savannah grows in layers while the rainforest does not
- D. The savannah has less species diversity than the rainforest
4. The main source of tropical hardwood for timber is the ____.
- A. Montane forest
- B. Rain forest
- C. Mangrove forest
- D. Coniferous forest
5. One of the problems of soil management in a humid area is ?
- A. Leaching of minerals
- B. Lack of oxygen in the soil
- C. Water logging
- D. Alkalinity

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6. Magma, while thrusting its way up to the surface, may cool and solidify within the crust as ____.
- A. Plutonic rocks
- B. Clay soil
- C. Sedimentary rock
- D. None of the above
7. The Nigerian towns which owed much of their growth in the 20th century to the development of the railway include ____.
- A. Oshogbo, Minna, Owerri and Jos

B. Lagos, Minna, Nnewi and Gusau

C. Enugu, Jos, Kaduna and Minna

8. Which of the following industries is likely to be located at or near the source of its major raw materials?

A. Breweries

B. Textile

C. Aluminium Smelting

D. Cement manufacturing

9. A manufacturing industry would exhibit market-oriented characteristics when _____.

A. The finished products undergo weight reduction during production

B. The industry necessitates a substantial workforce

C. The industry relies on consistent power supply

D. The finished products have a high susceptibility to spoilage

10. Which of the following represents the cheapest mode of transportation?

A. Water

B. Rail

C. Air

D. Road

11. The Earth's axial rotation?

A. Results in the fluctuating durations of day and night

B. Accounts for the alteration of the seasons

C. Leads to the occurrence of day and night

D. Marks the boundaries of the tropics

12. When it is noon at the Greenwich Meridian, the time is 5:30pm on longitude ____.

A. $75^{\circ} 3'W$

B. $82^{\circ} 30' E$

C. $82^{\circ} 30' W$

D. $75^{\circ} 30' E$

13. Which of these sedimentary rocks undergoes mechanical formation?

A. Chalk

B. Shale

C. Limestone

D. Coal

14. Under which of the following climates would you expect physical weathering to be normally most active?

A. Hot Desert

B. Savannah

C. Warm Temperate

D. Equitorial

15. Which of these land features is an outcome of wind-driven deposition?

A. Playa

- B. Bajada
- C. Fan
- D. Barchan

Use the Map below to answer Questions 16 to 19.



16. The equable climate and open grass vegetation free of tsetse flies , are responsible for the large scale movement of nomadic cattle during the dry season to the unit marked.

- A. 4
- B. 6
- C. 5
- D. 7

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17. The Vegetation belt numbered 4 on the map is the ____.

- A. Forest/savannah mosaic
- B. Derived savannah
- C. Guinea savannah

D. Sudan savannah

18. The largest concentration of domesticated livestock in Nigeria is found in the vegetation zone marked ____.

A. 4

B. 6

C. 5

D. 7

19. The largest concentration of timber trees in Nigeria is found in the vegetation zone marked

A. 4

B. 3

C. 2

D. 1

20. Which of the subsequent statements accurately describes local craft industries in West Africa?

A. i, iii, and iv

B. ii, iii, and iv

C. i, ii, and iii

D. i, ii, and iv

21. What is the R.F. of a map whose linear scale is 4cm represents 1km?

A. 1:25,000

B. 1: 250,000

C. 1: 2,500

D. 1: 50,000

22. A map scale of 1: 250,000 can be expressed in words as what?

A. 1cm represents 5km

B. 1cm represents 2.5km

C. 1cm represents 25km

D. 1cm represents 50km

23. Which one of the options is not part of the earth's interior layers?

A. The Mantle

B. The Hydrosphere

C. The Crust

D. The Core

24. A map drawn on a scale of 1:50,000 is reduced four times. What is the scale of the new map?

A. 1: 400,000

B. 1: 60,000

C. 1: 200,000

D. 1: 12,500

25. According to distance from the sun, which is the sixth planet?

A. Saturn

B. Uranus

C. Neptune

D. Jupiter

26. Which one of the options is a proof that the earth is not flat?

A. Ship's visibility

B. Length of Equator

C. Continentality

D. Rainfall

27. At what time of the year do you have Spring equinox?

A. December 21st

B. June 21st

C. March 21st

D. September 21st

28. Fold Mountains are formed by only one of the given options.

A. Tensional forces

B. Compressional forces

C. Pressure gradient

D. Snow

29. Relative Humidity is measured in the field by the use of what instrument ?

A. Ruler

B. Barometer

C. Thermometer

D. Hygrometer

30. Which river is not a tributary of River Niger?

A. Imo

B. Kaduna

C. Sokoto

D. Benue

31. The formation of coal is associated with _____.

A. Earth movement and pressure

B. Landslides and deposition

C. Earth tremor and heat

D. Heat and pressure

32. The greatest threat to the world's wildlife population is _____.

A. The development of zoological gardens

B. The poor management of game reserves

C. The destruction of habitats

D. Excessive hunting

33. The risk directly linked to ozone layer depletion is _____.

A. Increased melting of polar and temperate ice caps

B. Infiltration of ultraviolet rays into the troposphere

C. Expansion of desert-like conditions into the savannah

D. Submergence of numerous coastal settlements worldwide

34. An example of a landform produced by glaciation is _____.

A. Sand-dune

B. A cirque

C. An inselberg

D. An ox-bow lake

35. The Vertical section of the soil from surface down to the bedrock, showing different layers, is known as soil _____.

A. Profile

B. Colour

C. Horizon

D. Texture

36. Which of the following are the correct stages of denudation?

A. Deposition – weathering – erosion – transportation

B. Weathering – erosion – transportation – deposition

C. Erosion – weathering – deposition – transportation

D. Weathering – deposition – transportation – erosion

37. Which of the following is NOT a resource of the atmosphere?

A. Biomass energy

B. Wind energy

- C. Solar energy
- D. Bacteria energy

38. Chalk is a good example of ____.

- A. Extrusive rock
- B. Metamorphic rock
- C. Igneous rock
- D. Organically formed rock

39. Loss of lives and properties caused by earthquakes can be reduced through ____.

- A. Channelization
- B. Construction of embankments
- C. Emergency planning
- D. Government legislation

40. Which of the following zones of the atmosphere does change in weather conditions take place?

- A. Stratosphere
- B. Hemisphere
- C. Ionosphere
- D. Troposphere