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JAMB » Geography » 2015

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1 The following are natural resources except

A rubber

B soil

C water

D cellphane

2 all these are examples of fold mountains except

A Himalayas

B Rockies

C Andes

D Voges Mountain

3 All the following are fertile plains except

- A loess plains
 - B alluvial plains
 - C erosional plains
 - D flood plain
-

4 The current world population is estimated at about

- A 2.0 billion
 - B 7.0 billion
 - C 6 .0 billion
 - D 4.0 billion
-

5 soil factor in an ecosystem are referred to as -----

A topographic

B climatic

C biotic

D edaphic

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6 All of thes

8 west Africa is located between latitudes-----
and -----of the equator

A 4° N and 20° N

- B** 3^0 N and 15^0 N
 - C** 2^0 N and 10^0 N
 - D** 10^0 N and 15^0 N
-

9 All the following crops involve in the plantation agriculture except

- A** rubber
 - B** wheat
 - C** cocoa
 - D** Howbell
-

10 in a food chain, the position occupied by an organism is called

- A** the tropic level

- B** energy level
 - C** the feeding level
 - D** the habitat level
-

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11 Tropical rain forest can be conserved by the following practices except

- A** agroforestry
 - B** deforestation
 - C** shifting
 - D** crop rotation
-

12 population growth rate may be define as the

- A** mortality rate per unit area over a period
 - B** number of times an organism occurs with a given period
 - C** number of particular species per units area
 - D** net rate of mortality rate per unit area over a period
-

13 tall trees with buttress root are associated with ---

- A** rain forest
 - B** guinea savanna
 - C** Sudan savanna
 - D** Sahel savanna
-

14 Which of the following resources is renewable

A livestock

B mineral

C forest

D soil

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15 The solar system comprises the sun and it's -----

A seven planets

B eight planets

C nine planets

D six planet

16 On September 23rd, all towns or cities in the northern hemisphere can never experience

- A equal length of day and night
 - B complete daylight
 - C longer nights and shorter nights
 - D longer days and shorter nights
-

17 Density, mortality, birth rate are factors that affect

- A population
 - B dominance
 - C cover
 - D habitat
-

18 The predominant systems of agriculture among rural farmers in Nigeria is

- A terrace farming
 - B irrigation farming
 - C plantation agriculture
 - D bush fallowing
-

19 What type of mountain is associated with syncline?

- A Block mountain
 - B fold mountain
 - C volcanic mountain
 - D residual mountain
-

20 the instrument used for measuring the intensity of an earthquake is called

- A Epicenter
 - B Ismograph
 - C thermometer
 - D seismograph
-

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21 All of these are major industrial zones in Nigeria except

- A the western industrial zones
- B the south east industrial zone
- C the north central industrial zone

D the south/south industrial zone

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22 lines of longitude can be best be described as

A imaginary line on the earth's surface joining the north and the south pole

B the distance of a place east or west of Greenwich meridian

C the angular distance of a place north or south of the equator

D great circles number from 0 to 90

23 The planet with rings of circular light dark bands is called

A mercury

B Neptune

C Jupiter

D Mars.

24 -----is the largest river in Nigeria

A River Niger

B River Benue

C River Ogun

D River Osun

25 All these are ways of representing relief on maps

A contour

B form lines

C dot map

D hachures

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26 -----is the longest river in West Africa

A river Benue

B river Niger

C river Volta

D river Senegal

27 Which of the following is not a way of conserving natural resources?

A adopting good farming practices

- B** establishing forest reserves
 - C** establishing game reserves
 - D** encouraging poaching
-

28 -----is the movement of weathered materials under the force of gravity

- A** weathering
- B** mass movement
- C** catastrophe
- D** mountains

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29 An intrusion of magma along a bedding plane is called

- A** batholith
 - B** dyke
 - C** lava plain
 - D** sill
-

30 in the southern hemisphere, the autumnal equinox occurs on

- A** 21st March
 - B** 23rd September
 - C** 22nd December
 - D** 21st June
-

31 The satellite of the earth is

- A the sun
 - B the moon
 - C mars
 - D Saturn
-

32 the following are the effect of overgrazing except

- A completion of useful folder crops
 - B soil and wind erosion of pasture land
 - C epidemic of cattle diseases
 - D scarcity of good pasture land.
-

33 Sharp, slender, and downward growing pinnacles in underground limestone is called

A limestone george

B uvala

C polje

D stalactites

34 ----- is referred to as landlocked country

A Burkina Faso

B Guinea

C Nigeria

D Ghana

35 The most important cash crops in the irrigated Nile Basin is

- A cotton
- B millet
- C sugarcane
- D groundnut

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36 The density of sial is -----

- A 2
- B 2.7
- C 3

37 the angular distance of a point on the earth's surface measured in degrees from the Centre of the earth is known as

- A orbit
 - B latitude
 - C axis
 - D longitude
-

38 Desert is found where?

- A Southern coast
- B northern Mali
- C northern Nigeria

39 All of these are elements of weather and climate except

A temperature

B altitude

C Rainfall

D sunshine

40 ----- is one of the reasons of high population density

A fertile soil

B unemployment

C unfavorable climate

D presence of some insects.

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41 a given map is enlarged 3 times its original size which is 1;150,000 what will be the new scale?

A 1 : 50,000

B 1 : 75,000

C 1 : 100,000

D 1 : 450,000

42 Which of the following is not a biotic factor

A parasite

B predator

C grazer

D pressure

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43 water pollution is caused by all the following except

A increased silt load

B sewage deposit

C sand filling

D industrial effluent

44 Which of the following represents the correct sequences in which denudation occurs?

A Weathering –deposition-erosion

- B** weathering –erosion –deposition
 - C** erosion –weathering –deposition
 - D** deposition -erosion – weathering
-

45 Because of its shape, the earth is best described as a

- A** Gerald
 - B** geosphere
 - C** sphere
 - D** circle
-

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46 The following are abiotic components of the ecosystem except

A bacteria

B topography

C water

D wind

47 Which of the following human activities has a beneficial effect on soil

A grazing

B strip-cultivation

C bush burning

D over-cropping

48 the degree of saltiness or concentration of salt solution in oceans or seas is referred to as -----

- A ocean deep
 - B ocean ridge
 - C deep sea plain
 - D salinity of the ocean
-

49 Stratified rocks are

- A metamorphic rock
- B plutonic rocks
- C igneous rock
- D sedimentary rocks

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50 which of the following is not important in defining soil

- A color
 - B capillary
 - C permeability
 - D texture
-

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51 The area around the earth where life activities go on is referred to as -----

- A biosphere
- B lithosphere
- C habitat

D ecosystem

52 Nigeria is in ----- Africa

A east

B north

C west

D south

53 The type of transport that is mostly affected by climatic condition is

A land transport

B water transport

C road transport

D air transport

54 a great circle can best be described as

A a circle whose plane passes through Centre of the globe.

B a line of longitude

C the equator

D the shortest distance between two point

55 earthquake that destroyed about 30,000 people in Turkey happened in the year

A 1755

B 1906

C 1920

D 2003

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56 The longitudinal extent of Nigeria is

A 0°

B 11°

C 20°

D 12°

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57 The liquid portion of the earth's crust is called

A biosphere

B hydrosphere

C mesosphere

D atmosphere

58 In which of the following areas is fruit farming least important

A Morocco

B Egypt

C Algeria

D Uganda

59 The busiest canal in the world is

A Suez canal

B Panama Canal

C the North Pacific Route

D Cape Route

60 the most urbanized parts of Nigeria is

A North/central

B north/east

C south/west

D south/south

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61 All these are the characteristic Nigerian rivers
except

A seasonal flooding

B development of rapids and cataracts

C shallowness

D presence of misfit

62 All the following are forms of subsistence farming in west Africa except

A rotational bush farming

B permanent cultivation

C plantation agriculture

D mixed farming

63 Desert plants are usually called

A hydrophytes

B mesophytes

C xerophytes

D sporophytes

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64 very low annual rainfall, sparse vegetation, high

day temperature and cold nights are the characteristics of the -----

A a swamp

B tropical forest

C southern guinea savanna

D desert

65 ----- is a type of mass movement or mass wasting

A steep slope

B landslides

C hills

D tableland

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66 the method of mining crude method oil is

A open cast

B underground method

C shaft method

D drilling method

67 ----- is the instrument used in the
measurement of rainfall

- A** rainguage
 - B** thermometer
 - C** hydrometer
 - D** barometer
-

68 The factors which determine the type of vegetation a particular habitat will support are related to the following except

- A** nature of the soil particles
 - B** amount of rainfall
 - C** farming activities
 - D** depth of the water-table
-

69 ----- refers to water bodies like rivers, and lakes

A canal

B ditch

C Drainage

D ocean

70 All the following are important timber producing countries in Africa except

A Ghana

B Cote d'Ivoire

C Nigeria

D Mauritania.

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71 All of these are the features of lower course of a River except

- A flood plain
 - B V shaped valley
 - C levees
 - D ox-box lake
-

72 The point at which the shock originates is called

- A focus
 - B vent
 - C caldera
 - D crater
-

73 Density, mortality, birth rate are factors that affect

A population

B dominance

C cover

D habitat

74 A spring is an outlet for

A streams in karst region

B rain water

C underground water in limestone

D rivers

75 loam is the best type of soil for crop production

because

- A it has a high percentage of clay which prevents leaching
 - B it has a high humus content retention capacity
 - C porous and has good water retention capacity.
 - D gravels which obstruct implements are absent from it.
-

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76 Which of the following planets has no satellite

- A Venus
- B Uranus
- C Neptune

77 when it is 9:00am in Munich, Western Germany (longitude 11°E) the time in Calcutta India (longitude 96°E) is

A 4:20am

B 2:40am

C 2:40pm

D 5:40pm

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78 which of the following statement is not true about the solar system

A the ray of the sun gives energy to the system

B all the planet rotate round the sun

C the planets revolve around the sun

D the sun is at the Centre of the system

79 The earth's movement from west to east on its own axis is known as

A friction

B revolution

C gravitation

D rotation

80 which of the following instruments is used to measure wind Speed

A thermometer

- B** barometer
 - C** hygrometer
 - D** anemometer
-

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- 81** All these are the examples of urban settlement except
- A** towns
 - B** village
 - C** conurbation
 - D** megalopolis.
-

Answers: JAMB Past Questions: JAMB » Geography » 2015

1. D

D is correct. Because cellphane is not a natural resources

2. D

D is correct; because Voges Mountains is an example of Blocks Mountains.

3. C

C is correct, because, erosional plains are a type of plains that occur as a result of washing away of top soil to sub soil.

4. B

B is correct, because world population is estimated at 7.3 billion.

5. D

D is correct; because soil factor in an ecosystem are referred to as edaphic.

6. C

C is correct. Because alternating wet and dry land/rock is associated with physical weathering

7. A

A is correct; because the axis of the earth is inclined at plane of the ecliptic at angle of 66°

8. A

A is correct. Because West Africa is located on 4° N and 20° N of the equator

9. B

B is correct, because wheat is not parts of plantation farming.

10. A

A is correct; because tropic level is the position occupied by an organism in a food chain

11. B

B is correct. Cutting or felling of economic trees is not the way by which tropical rain forest can be conserved

12. D

D is correct. Because population growth rate has to do with net rate of habitat over a period of time

13. A

A is correct; tall trees with buttress root are associated with rain forest.

14. B

A renewable resource is a resource which is replaced naturally and can be used again. Examples are: oxygen, fresh water, solar energy, timber, and biomass. Renewable resources may also include goods commodities such as wood, paper and leather.

15. C

C is correct. Because the solar system comprises the sun and its nine planets

16. A

A is correct, because every 23rd September, all towns in the northern hemisphere experience equal length of day and night i.e. 12hours for the day and 12hour for the night .

17. A

A is correct; population is the total number of people or inhabitant living in a geographical area

18. D

D is correct, because, it is also shifting cultivation. It is a system of farming or the cultivation of one pieces of land for some years and leaving it for some years with the aim of restoring fertility to the soil naturally but during this fallow period, the farmer cultivates another pieces of land.

19. B

B is correct; these are the mountains that are formed as a result of compressional force

20. D

D is not correct; seismograph is the instrument records the vibrations produced by an earthquakes

21. D

D is correct. Because the south/south is not part of the major industrial zone in Nigeria

22. A

A is correct. Because it is an imaginary line on the earth's surface joining the north and South Pole

23. C

C is correct. It is the largest planet in the solar system. Its surface contains gases such as hydrogen and methane with light and dark bands

24. A

A is correct; because it is the longest and largest river in Nigeria it took its source from futa O'Fallon highland in Guinea.

25. C

C is correct; this refers to a diagrammatic representation of a large quantities or volume of data by means of dots

26. B

correct; because river Niger is the longest river in West Africa

27. D

D is correct; because illegal unit of birds, animals fish etc. the way of conserving natural resources.

28. B

B is correct; it is also called mass wasting is the movement of weathered materials or regolith's from one geographical area to another under the force of gravity.

29. D

D is correct; because this result when an intrusion of magma is made horizontally along the bedding planes of sedimentary rocks.

30. B

B is correct , because in the southern hemisphere, the autumnal equinox occurs on 23rd September.

31. B

B. is correct, the moon is one of the heavenly bodies and it is the satellite of the earth.

32. C

C is correct; because epidemic of cattle diseases is not part of effects of overgrazing

33. D

D is correct; because they are sharp, slender, and downward growing pinnacles that hang from the roots of the caves

34. A

A is correct; because Burkina Faso or upper Volta has no access to the sea. Burkina Faso is a landlocked country

35. A

is correct; cotton is the most important cash crops in the Irrigated Nile Basin.

36. B

In geology, the sial refers to the composition of the upper layer of the Earth's crust. Sial has a lower density (2700–2800 kg/m³)

37. B

B is correct, it is an angular distance of a point on the earth's surface measured in degrees from the center of the earth.

38. B

B is correct; because a desert can be found in the northern Mali, due to the location of Mali

39. B

B is correct. It simply the higher you go. The cooler it becomes. Altitude is one of the factors affecting climate.

40. A

A is correct. Because high fertile soil i.e. alluvial soil is one of the reasons of high population density

41. A

A is correct; when the map is enlarged the new scale is 1 : 50,000

A is correct. when the map is enlarged the representative fraction becomes smaller i.e. $1: 150,000/3$
 $= 1: 50,000$

42. D

biotic factors means living factors

D is correct; pressure is not parts of the biotic factors of ecosystem

43. C

C is correct sand filling can never be caused by water pollution.

44. B

B is not correct; because the first stage of denudation is weathering –erosion- deposition

45. A

A is correct; the shape of the earth is spherical, but it is better be described as geoid meaning the shape of the earth.

46. A

A is correct. Because it is a biotic component of the ecosystem

47. B

B is correct; it is also called crop rotation is an human activity that benefit the soil

48. D

D is correct. Because salinity defined as the degree of saltines or concentration of salt solution in oceans or seas. The degree of salinity varies from ocean to ocean and nit is measured in percentage or parts per thousand.

49. D

D is correct; these are rocks formed from sediments deposition either by water, by wind, or by ice. Sedimentary rocks are stratified rocks and the plane between two strata is called bedding plane.

50. B

B is correct; because it refers to the degree of power to retain water. It's not parts of the way of defining

soil.

51. A

A is correct. This is the portions or parts of the earth crusts that support human life

52. C

C is correct; because Nigeria is one of the West Africa countries. There are sixteen countries in West Africa

53. D

D is correct; because this is a peculiar problem to air transportation due to the formation of fog.

54. D

D is correct; because a great circle is the shortest distance between two points

55. D

56. D

D is correct; because the longitudinal extent of Nigeria is 12° i.e. $30^{\circ}W$ and $150^{\circ}W$
 $= 150^{\circ}W - 30^{\circ}W$
 $= 12^{\circ}$

57. B

B is correct; hydrosphere is the liquid portion of the earth.

58. D

D is correct, because, fruit farming or orchard farming is not common in Uganda.

59. B

B is correct; this is a domestic route between the east and west coasts of the U.S.A.

60. C

C is correct. The most urbanized part of Nigeria is south/west areas like Lagos, Ibadan, Akure, etc.

61. D

D is correct. Because presence of misfit is not a characteristic of Nigeria river

62. C

C is correct; plantation farming involves planting of only one crop on a large hectare of land. It is an example of mechanized or intensive farming.

63. C

C is correct; these are the plants which can withstand prolonged dry season

64. D

D is correct; because in a desert area, the animal rainfall is low, sparse vegetation is present etc.

65. B

B is correct. Because it simply means the movement of large rock debris over underlying weak rock. It is one of the types of mass movement or mass wasting

66. D

D is correct in this method, the underground rocks sampled and tested for traces of oil when oil is

discovered a well is sunk to reach it with the aid of a drilling rig.

67. A

A is correct; rainguage is an instrument for the measurement of rainfall

68. D

D is correct; because, the depth of the water-table is not a factor that determines the type of vegetation in a particular habitat

69. C

C is correct; drainage refers the water bodies like streams, dams, sea, ocean, rivers etc.

70. D

D is correct; Mauritania is a land locked country. It is not parts of the countries producing timber in Africa.

71. B

B is correct. Because is a feature of upper course of a river. The valley is widened by weathering and mass wasting which cause it to become V-shaped

72. A

A is correct; the point at which the originates is called the origin or focus and the point on the earth's surface directly above the focus or where the shock waves first hit the surface is known as epicenter.

73. A

A is correct; population is the total number of people or inhabitant living in a geographical area

74. C

C is correct; because a spring is an outlet for underground water e.g. Borehole, Artesian well e.t.c

75. B

B. is correct. Because loamy soil contain high humus content

76. A

A is correct, because venue has no satellite. It takes 224 days to revolve round the sun

77. C

C is correct; because the final answer or time cannot be 2:40pm

i.e. long diff $(96^{\circ}\text{E} - 11^{\circ}\text{E})$

= 850E

convert 85° to time diff $85^{\circ}/15^{\circ}$

= 5hrs 40mins

78. B

B is correct; the planet do not rotate round the sun.

79. D

D is correct; because the earth's movement from west to east on its own axis is known as rotation

80. D

81. B

B is correct; it is the biggest and largest type of rural settlements.

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