

ESM112 List of Questions

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Q1 The two types of ecosystem are _____ and _____

- Biotic and abiotic
- Organic and inorganic
- Plants and animals
- Terrestrial and aquatic

Q2 The two ecosystem types were discovered by _____

- Geographers
- Geologist
- Ecologists
- Environmentalists

Q3 Terrestrial ecosystem is _____ ecosystem

- land
- water
- mud
- atmosphere

Q4 Terrestrial ecosystem can be described by their types of _____

- vegetation
- interaction
- resilience
- tolerance

Q5 The vegetation of terrestrial ecosystem is factored majorly by _____

- climatic condition
- grasslands
- wetlands
- estuaries

Q6 Aquatic ecosystems may also include all but one of the following _____

- oceans
- grasslands
- wetlands
- rivers

Q7 The physical conditions that factor the aquatic ecosystems include all but one of these differences in _____

- nutrient amount
- average water temperature
- depth of sunlight penetration
- organisms

Q8 The abiotic elements of an ecosystem comprise of all but one of the following _____

- animals
- temperature
- soil type
- water and air level in the soil

Q9 The biotic components are mainly _____

- sunlight
- soil
- temperature
- plants and animals

Q10 The biotic components are classified into all but one of these _____

- producers
- decomposers
- abiotic
- consumers

Q11 Each individual organism has a particular _____ to abiotic factors

- range of tolerance
- adaptivity
- limitations
- resilience

Q12 At this range of tolerance the species can operate _____

- at a high level
- efficiently and thrive
- threshold level
- abundantly

Q13 The limiting factors of a terrestrial ecosystem include all but one of these _____

- sufficient land
- inadequate organism
- limited land
- food

Q14 The limiting factors of an aquatic ecosystem include all but one of these _____

- dissolved oxygen
- sunlight
- temperature
- size of organisms

Q15 The first trophic level comprises of _____

- Primary producers
- Secondary producers
- Tertiary producer
- None of the above

Q16 The food chain concept is useful for tracing chemical recycling and energy flow in _____

- Ecosystem
- Biosphere
- Lithosphere
- Atmosphere

Q17 Food web is _____

- arranged as complex connected food chain or network
- arranged as complex food chain or network in an ecosystem
- arranged in complex interconnected food chain or network,
- arranged as connected food chains

Q18 Energy is _____

- ability to do work
- capacity of a body or system to do work
- ability to boost power
- either kinetic or potential

Q19 What is a trophic level _____

- It is a level at which organisms gain vitamins
- It is a level at which organisms gain nourishment
- It is a level at which organisms get their food
- It classifies the different feeding types

Q20 The coastal drainage system drains directly into the _____

- Indian ocean
- River Niger
- Atlantic ocean
- Pacific ocean

Q21 Which among the river system cannot be found in western Nigeria _____

- Owena
- Kwa
- Oshun
- Benin

Q22 The total area of inland water bodies in Nigeria is estimated to be roughly about _____ million hectares

- 10
- 12
- 14
- 16

Q23 Vegetation refers to any plant life found _____ in a place

- particularly
- planted
- ecologically
- growing naturally

Q24 Vegetation in any region has been affected by _____ activities

- construction
- human
- animal
- agricultural

Q25 Vegetation types in Nigeria includes all but one of the following _____

- Mangrove swamps
- The rainforest
- Montane vegetation
- The savannahs

Q26 The types of vegetation in any region is influenced by the _____ of that region.

- activities
- irrigation
- climate
- sun

Q27 The savannah vegetation consists of all but one of these _____

- Mangrove
- Sudan
- Sahel
- Guinea

Q28 Which of these ecological zone is described as the Nigerian dry land by researchers _____

- Sudan-sahelian
- Sahel-sudan
- Guinea-sudan
- Sudan-guinea

Q29 Coastal vegetation is associated with the _____

- Mangrove swamp
- Montane vegetation
- Savannah
- Rainforest

Q30 The dry land is notably good for _____ crop and _____ for livestock

- fruit and eating
- fodder and grazing
- cereal and grazing
- fodder and eating

Q31 Plant life found in coastal vegetation include _____

- Liana and epiphytes
- Tress and cactus
- Deciduous and semi deciduous trees
- Shrubs and herbs

Q32 Mangrove forest thrives in all but one of the following regions _____

- Marine habitat
- Deltas of large tropical rivers
- Freshwater swamp
- Zones between high and low fire marks

Q33 All but one of these make up the fresh water swamp_____

- Aquatic grassland
- Swamp forest
- Deltaic swamp
- Marine habitat

Q34 The sun illumines and warms the earth and supplies the energy used by _____ to synthesize the compounds.

- human
- organisms
- animals
- green plants

Q35 Organic or biotic is otherwise known as

- plants
- animals
- living things
- vegetation

Q36 An ecological system is a set of interdepent _____ and _____ components

- plants and animals
- biotic and abiotic
- organic and biotic
- abiotic and inorganic

Q37 Ecosystem can also be known as _____

- Biosphere
- Biotic
- inorganic
- organic

Q38 Which of these is not among the main components of an ecosystem_____

- Geology
- Solar radiation
- Soils
- Buildings

Q39 Which of these is not among the major features of ecosystem_____

- Transfer
- Diversity
- Resilience
- Adaptability

Q40 The coastal drainage system drains directly into the _____

- Indian ocean
- River Niger
- Atlantic ocean
- Pacific ocean

Q41 Lakes are body of water that occupies a depression on the _____ and is completely surrounded by land.

- Globe
- water body
- ocean
- earth surface

Q42 Which of these is not among the four distinct zones of a lake_____

- Freshwater
- littoral
- Benthic
- Profundal

Q43 The two type of freshwater lake are _____ and _____

- Freshwater and salt water
- Benthic and Profundal
- Oligotropic and eutropic

- Littoral and Limnetic

Q44 Profundal zone is the deep part of the lake where _____

- the herbivores feed on death plant
- it is dark for photosynthesis to take place
- sunlight can penetrate the lake,
- there are free flowing producers

Q45 Benthic zone is the _____

- bottom of the lake
- second zone of the lake
- shore
- surface of the lake

Q46 The _____ lakes have small supply of nutrients

- benthic lakes
- eutrophic
- oligotrophic
- limnetic

Q47 The _____ lake is deep and the water is crystal clear

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Q48 Which of these is the second zone of the lake _____

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Q49 The _____ lakes have large amount of nutrients

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Q50 The _____ lake is shallow and water is cloudy

- benthic lakes
- eutrophic
- oligotrophic
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Q51 The _____ are large deep human made bodies of fresh water

- reservoirs
- dams
- rivers
- lakes

Q52 Reservoirs are built to _____

- form a lake
- control water
- collect water
- for tourism

Q53 Reservoirs are built behind _____ and its water is released in controlled water

- dam
- streams
- lakes
- rivers

Q54 Stored water may be used for all but one of the following _____

- transportation
- hydropower generation

- irrigation
- sporting activities

Q55 Rainwater goes through all but one of these processes _____

- infiltrate into the ground
- evaporate back into the atmosphere
- remain on the ground as surface water
- waste pollution by garbage

Q56 The _____ of a stream may be thought of as a long narrow path, shaped by the forces of the following water.

- erosion
- channel
- runoff
- irrigation,

Q57 Flowing water will result in _____

- irrigation
- erosion
- shaping of land
- rivers

Q58 Water is a _____

- non-renewable resource,
- useable resource,
- non useable resource
- renewable resource

Q59 Inland wetlands are also known as _____

- rivers
- freshwater wetland
- mud water
- irrigation water

Q60 Nigeria enjoys a warm _____

- temperate climate
- equatorial climate
- mediterranean
- tropical climate

Q61 What is the purpose of constructing reservoirs _____

- to collect water
- to control water
- to build a lake
- for tourism

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- runoff
- irrigation

Q77 Flowing water results in _____.

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- shaping of land
- rivers

Q78 Which of the following describes a large deep and human-made body of fresh water _____

- lake
- dam
- river
- reservoir

Q79 Inland wetlands are also known as _____

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