

Question 1

The word 'Environment' is derived from the French word _____ meaning "Surroundings".

Select one:

- a. Geo
- b. Environner**
- c. Aqua
- d. Oikos

Question 2

Environmental science is the interdesiplinary study of human interaction with:

Select one:

- a. Plants
- b. Other organisms and Physical surroundings**
- c. Animals
- d. Only Physical environment

Question 3

Producers are also known as

Select one:

- a. Autotrophs**
- b. Autoheterotrophs
- c. Heterotrophs
- d. Chemotrophs

Question 4

Heterotrophs includes

Select one:

- a. Carnivore
- b. Herbivore
- c. All from the list**
- d. Omnivore

Question 5

Lions, tigers, Kites are examples for

Select one:

- a. None from the list
- b. Predators**
- c. Photoautotrophs
- d. Autotrophs

Question 6

The organisms that are capable breaking organic matter without eating them are called as

Select one:

- a. Chemotrophs
- b. Autotrophs
- c. Saprobies**

d. None from the list

Question 7

Examples for decomposers are

Select one:

a. All from the list

b. Plants

c. Tigers

d. Bacteria and fungi

Question 8

Decomposers bring about organic break down by secreting

Select one:

a. Carbohydrates

b. Enzymes

c. Lipids

d. None from the list

Question 9

Decomposers derive their energy from

Select one:

a. None from the list

b. Living organic matter

c. Inorganic matter

d. Dead organic matter

Question 10

Organisms which derive their energy from other organisms are called

Select one:

a. Autotrophs

b. Heterotrophs

c. All from the list

d. Chemotrophs

Question 11

Self feeding organisms are called

Select one:

a. Heterotrophs

b. Bacteria

c. Autotrophs

d. Fungi

Question 12

Primary consumers feed on

Select one:

- a. All from the list
- b. Animals
- c. Bacteria
- d. Plants**

Question 13

The components of biotic factors are

Select one:

- a. Plants and animals
- b. "Producers, Consumers and Decomposers"**
- c. All from the list
- d. "Sunlight, Physical environment and Plants"

Question 14

Secondary consumers include

Select one:

- a. Carnivores and Omnivores**
- b. Omnivores
- c. Carnivores

Question 15

The sequence of who eats whom in biological system is called

Select one:

- a. Food web
- b. Food chain**
- c. Detritivores
- d. Decomposition

Question 16

Who among the food chain occupy the first trophic level

Select one:

- a. Plants**
- b. Animals
- c. All from the list
- d. Decomposers

Question 17

"In the food chain, the first organism is always "

Select one:

- a. Plants**
- b. All from the list
- c. Saprobe
- d. Sun

Question 18

The first trophic level in food chain is occupied by

Select one:

- a. Both Primary producers and consumers
- b. None from the list
- c. Primary consumers

d. Producers

Question 19

Each feeding level in ecosystem is called

Select one:

- a. Food web

b. Trophic level

- c. None from the list
- d. Food chain

Question 20

"In the ecological pyramid, the position occupied by producers is"

Select one:

- a. All from the list
- b. Top of the pyramid

c. Base of pyramid

- d. Can occupy any position

Question 21

"In the ecological pyramid, the position occupied by Quaternary consumers is"

Select one:

- a. Base of pyramid
- b. Can occupy any position

c. Top of the pyramid

- d. All from the list

Question 22

"As we move up the ecological pyramid, the total energy"

Select one:

- a. Can increase or decrease
- b. None from the list
- c. Goes on increasing

d. Goes on reducing

Question 23

Conservation can be achieved by

Select one:

a. All from the list

- b. Economical use of natural resources

- c. Recycling
- d. Pollution control

Question 24

Environmental science is the study of the working of:

Select one:

- a. Natural world, Mutual Interaction of humans with environment**
- b. Producers
- c. Plants and animals
- d. None from the list

Question 25

Increased polulation has lead to increased

Select one:

- a. use of minerals
- b. environmental pollution
- c. Land use
- d. All from the list**

Question 26

Biotic factors of the environment are composed of:

Select one:

- a. Plants
- b. Microorganisms
- c. All from the list**
- d. Animals

Question 27

The physical components of Environment are

Select one:

- a. Lithosphere
- b. Atmosphere
- c. Hydrosphere
- d. All from the list**

Question 28

The complete components of hydrosphere include

Select one:

- a. "Oceans, Rain, Mist"
- b. "Oceans, Rivers, Ponds, Lakes"
- c. "Oceans, Rivers, Ponds, Lakes, Rain, Mist"**
- d. "Rivers, Ponds, Lakes, Rain, Mist"

Question 29

The layer which is closest to the earth surface is:

Select one:

- a. Stratosphere
- b. Thermosphere
- c. Troposphere**
- d. Mesosphere

Question 30

"The process of Water getting constantly cycled through the atmosphere, ocean and land is called "

Select one:

- a. Hydrological Cycle**
- b. Hydrogen cycle
- c. Hydrogeological cycle
- d. None from the list

Question 31

Most important components of the ecosystem are:

Select one:

- a. Consumers
- b. Decomposers
- c. None from the list
- d. Producers**

Question 32

The organisms who directly feed on producers are called

Select one:

- a. Carnivores
- b. Decomposers
- c. Saprophytes
- d. Herbivores**

Question 33

Eutrophication associated with _____

Select one:

- a. Saturation of water in top soil
- b. The enrichment of nutrients in the soil environment
- c. The enrichment of nutrients in the water bodies**
- d. The enrichment of nutrients in plants

Question 34

Water Logging is _____

Select one:

- a. Rotation of crop patterns
- b. Enrichment of nutrients in the water
- c. Phenomenon in which soil root zone becomes saturated due to over irrigation**
- d. Enrichment of nutrients in soil

Question 35

Water logging is _____

Select one:

- a. Enrichment of crop patterns
- b. Enrichment of nutrients in water bodies
- c. A phenomenon in which root zone has become completely saturated due to over irrigation**
- d. Rotation of crop patterns

Question 36

The main gas present in Troposphere is _____

Select one:

- a. CO₂
- b. N₂**
- c. O₂
- d. H₂

Question 37

A community with no living green plant is _____

Select one:

- a. Rocky Shore
- b. A mud flat
- c. The Deep ocean floor**
- d. Plankton

Question 38

Tiger conservation project is started in the year _____

Select one:

- a. 2004**
- b. 1973**
- c. 1999
- d. 1985

Question 39

The wildlife (protection) act was enacted in the year _____

Select one:

- a. 1989
- b. 1986
- c. 1996
- d. 1972**

Question 40

The ecological pyramids were developed by-----

Select one:

- a. Roy Clapham
- b. Ernst Haeckel
- c. James Lovestock
- d. Charles Elton**

Question 41

Primary succession on bare rock starts with

Select one:

- a. Animals
- b. Trees
- c. Herbs
- d. Lichens**

Question 42

Species that arrive first in the newly created environment are called as

Select one:

- a. Pioneer Community**
- b. Abiotic community
- c. Biotic community
- d. Artificial Community

Question 43

"Earth day" is celebrated on ____

Select one:

- a. June 5th
- b. January 26th
- c. April 22nd**
- d. November 23rd

Question 44

Producer in an ecosystem are

Select one:

- a. All of the given
- b. Green Plants and Cyanobacteria**
- c. Decomposers
- d. Animals

Question 45

In aquatic ecosystem phytoplankton can be considered as a

Select one:

- a. Consumer
- b. Decomposer
- c. Producer**
- d. All of the given

Question 46

The basic requirements of human beings are provided by

Select one:

- a. Urbanization
- b. Nature**
- c. Industry
- d. Agriculture

Question 47

Environment is the life support system that includes

Select one:

- a. All the given**
- b. Water
- c. Air
- d. land

Question 48

In an ecosystem biological cycling of materials is maintained by

Select one:

- a. Decomposer
- b. All the given**
- c. Producer
- d. Consumer

Question 49

Significance of environmental studies

Select one:

- a. All of the given**
- b. Develop a concern and respect for the environment.
- c. Need of development without destruction of environment.
- d. Gain knowledge of different types of Environment and the effects of different environmental hazards.

Question 50

Organisms which feed directly or indirectly on producers are called

Select one:

- a. Detritus
- b. Decomposers
- c. Consumers**
- d. Prey

Question 51

The primary producers in a forest ecosystem are

Select one:

- a. Herbivores

- b. Bacteria and other microorganisms
- c. Chlorophyll containing trees and plants**
- d. Carnivores

Question 52

Abiotic component includes

Select one:

- a. Temperature
- b. All the given**
- c. Soil
- d. Water

Question 53

Which of the following statement is true?

Select one:

- a. Biotic components includes all non-living components
- b. Herbivores depend on Carnivores
- c. Green plants are self nourishing**
- d. Producers depends on consumers

Question 54

Primary consumer is

Select one:

- a. Herbivores**
- b. Macro-consumers
- c. Omnivores
- d. Carnivores

Question 55

A predator is

Select one:

- a. An animal that feeds upon another animal**
- b. Primary consumer
- c. An animal that is fed upon
- d. Animal that feeds upon plants and animal

Question 56

Fresh water ecosystem

Select one:

- a. Lakes
- b. Ponds
- c. Streams
- d. All the given**

Question 57

Which of the following conceptual spheres of the environment is having the least storage capacity for matter?

Select one:

- a. Atmosphere**
- b. Biosphere
- c. Hydrosphere
- d. Lithosphere

Question 58

Which atmospheric layer is farthest to the earth surface?

Select one:

- a. Troposphere
- b. Mesosphere
- c. Stratosphere
- d. Exosphere**

Question 59

Which of the following is the terrestrial ecosystem?

Select one:

- a. All the given**
- b. Grassland
- c. Desert
- d. Forest

Question 60

From atmosphere green plants absorb

Select one:

- a. Nutrients
- b. Water
- c. Sun light
- d. Carbon dioxide**

Question 61

Autotrophs are called

Select one:

- a. Consumers
- b. Decomposers
- c. Heterotrophs
- d. Producers**

Question 62

Producers are also known as convertors, because

Select one:

- a. Convert solar energy into physical energy of the inorganic compounds

- b. Convert solar energy into mechanical energy of the organic compounds
- c. Convert solar energy into chemical bond energy of the organic compounds**
- d. All of above

Question 63

Goat, cattles, rabbits and deer are

Select one:

- a. Herbivores**
- b. Omnivores
- c. Producers
- d. Carnivores

Question 64

Environmental education should be imparted at

Select one:

- a. All the given stages**
- b. Primary school stage
- c. Secondary school stage
- d. College stage

Question 65

Increasing industrialization is causing much danger to man's life by

Select one:

- a. Polluting the environment**
- b. Producing more food
- c. Utilizing waste lands
- d. Producing more goods

Question 66

The environment which has been developed by human activities is called

Select one:

- a. Natural environment
- b. Modern environment.
- c. Urban environment
- d. Anthropogenic environment**

Question 67

Biosphere can be defined as

Select one:

- a. The area around the planet Earth or another planet where life exists**
- b. Containing all the inorganic materials on the surface of the earth
- c. The sphere which occupies the maximum volume of all of the spheres
- d. All of the given

Question 68

Biotic and abiotic components are linked together through

Select one:

- a. Energy flow in an ecosystem
- b. Energy flow and nutrient cycling**
- c. Nutrient flow in an ecosystem
- d. None of the given

Question 69

Which of the following is the most environmental friendly agriculture Practice?

Select one:

- a. Using chemical fertilizers
- b. Intensive farming
- c. Organic farming**
- d. Using insecticides

Question 70

The adverse effect of modern agriculture is

Select one:

- a. Soil degradation
- b. Water logging
- c. All of the given**
- d. Water pollution

Question 71

Organic Farming

Select one:

- a. Promotes soil biological activity
- b. Enhances biodiversity
- c. All of the given**
- d. Is farming without using pesticides and chemical fertilizers

Question 72

Pick the primary consumer

Select one:

- a. Bacteria
- b. Lion
- c. Goat**
- d. Vulture

Question 73

In an ecosystem, the flow of energy is

Select one:

- a. Unidirectional**
- b. Cyclic
- c. Bidirectional

d. Multidirectional

Question 74

Which one is the correct food chain?

Select one:

- a. Cat-Grass-Rat-Tiger
- b. Rat-Grass-Cat-Tiger
- c. Grass-Cat-Rat-Tiger
- d. Grass-Rat-Cat-Tiger**

Question 75

Dead remains of plants and animals are known as

Select one:

- a. Organic Waste
- b. Detritus**
- c. Plant waste
- d. Animal waste

Question 76

Every food chain starts with_____

Select one:

- a. Plants
- b. Consumers
- c. Producers**
- d. Decomposers

Question 77

Man-made ecosystem is

Select one:

- a. Aquarium**
- b. Lake
- c. Esturaries
- d. Ocean

Question 78

Autotrophic Planktons are called _____.

Select one:

- a. Protozoan
- b. Phytoplankton**
- c. All the given
- d. Zooplankton

Question 79

Each step in a food chain represents_____

Select one:

- a. Food web
- b. Pyramids
- c. Trophic level**
- d. Food level

Question 80

Ecological pyramids are the graphical representation of

Select one:

- a. Nutrient flow in an ecosystem
- b. Structure and function of trophic levels of an ecosystem**
- c. Energy flow in an ecosystem
- d. None of the above

Question 81

A food web consists of

Select one:

- a. An organism's position in a food chain
- b. A portion of a food chain
- c. Interlocking food chains**
- d. A set of similar consumers

Question 82

An ecosystem consists of two types of components

Select one:

- a. Autotrophs and decomposers
- b. Biotic and abiotic**
- c. Producers and consumers
- d. Heterotrophs and autotrophs

Question 83

In a food chain, animals constitute the

Select one:

- a. Intermediate trophic level**
- b. Ultimate trophic level.
- c. Second trophic level
- d. First trophic level

Question 84

Which one of the following is an abiotic component of the ecosystem

Select one:

- a. Sun light
- b. Temperature
- c. Precipitation
- d. All the given**

Question 85

Food chain that goes from dead matter to micro-organisms is called as

Select one:

a. Saprophytic food chain

b. Parasitic food chain

c. Consumer food chain

d. Predator food chain

Question 86

Lion and Tiger are

Select one:

a. Top carnivores

b. Primary producers

c. Primary carnivores

d. Primary autotrophs