

Question 1

Correct

Mark 1.00 out of
1.00

Flag question

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

Select one:

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

Check

Question 2

Correct

Mark 1.00 out of
1.00

Flag question

Environmental science is the interdisciplinary study of human interaction with:

Select one:

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

Check

Question 3

Correct

Mark 1.00 out of
1.00

Flag question

Producers are also known as

Select one:

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

Check

Question 4

Correct

Mark 1.00 out of
1.00

Flag question

Heterotrophs includes

Select one:

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

Check

Question 5

Correct

Mark 1.00 out of
1.00

Flag question

Lions, tigers, Kites are examples for

Select one:

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

Check

Question 6

Correct

Mark 1.00 out of
1.00

Flag question

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

Select one:

- a. Saprobes ✓
- b. Chemotrophs
- c. None from the list
- d. Autotrophs

Check

Question 7

Correct

Mark 1.00 out of
1.00

Flag question

Examples for decomposers are

Select one:

- a. Plants
- b. All from the list
- c. Bacteria and fungi ✓
- d. Tigers

Check

Question 8

Correct

Mark 1.00 out of
1.00

Flag question

Decomposers bring about organic break down by secreting

Select one:

- a. Enzymes ✓
- b. None from the list
- c. Lipids
- d. Carbohydrates

Check

Question 9

Correct

Mark 1.00 out of
1.00

Flag question

Decomposers derive their energy from

Select one:

- a. Inorganic matter
- b. Dead organic matter ✓
- c. Living organic matter
- d. None from the list

Check

Question 10

Correct

Mark 1.00 out of
1.00

Flag question

Organisms which derive their energy from other organisms are called

Select one:

- a. Heterotrophs ✓
- b. Autotrophs
- c. All from the list
- d. Chemotrophs

Check

Question 11

Correct

Mark 1.00 out of
1.00

Flag question

Self feeding organisms are called

Select one:

- a. Fungi
- b. Heterotrophs
- c. Autotrophs ✓
- d. Bacteria

Check

Question 12

Correct

Mark 1.00 out of
1.00

Flag question

Primary consumers feed on

Select one:

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

Check

Question 13

Correct

Mark 1.00 out of
1.00

Flag question

The components of biotic factors are

Select one:

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

Check

Question 14

Correct

Mark 1.00 out of
1.00

Flag question

Secondary consumers include

Select one:

- a. None from the list
- b. Carnivores
- c. Carnivores and Omnivores ✓
- d. Omnivores

Check

Question 15

Correct

Mark 1.00 out of
1.00

Flag question

The sequence of who eats whom in biological system is called

Select one:

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

Check

Question 16

Correct

Mark 1.00 out of
1.00

Flag question

Who among the food chain occupy the first trophic level

Select one:

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

Check

Question 17

Correct

Mark 1.00 out of
1.00

Flag question

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

Select one:

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

Check

Question 18

Correct

Mark 1.00 out of
1.00

Flag question

The first trophic level in food chain is occupied by

Select one:

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

Check

Question 19

Correct

Mark 1.00 out of
1.00

Flag question

Each feeding level in ecosystem is called

Select one:

- a. Trophic level ✓
- b. Food web
- c. Food chain
- d. None from the list

Check

Question 20

Correct

Mark 1.00 out of
1.00

Flag question

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

Select one:

- a. Top of the pyramid
- b. Base of pyramid ✓
- c. Can occupy any position
- d. All from the list

Check

Question 21

Correct

Mark 1.00 out of
1.00

Flag question

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

Select one:

- a. Base of pyramid
- b. All from the list
- c. Top of the pyramid ✓
- d. Can occupy any position

Check

Question 22

Correct

Mark 1.00 out of
1.00

Flag question

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

Select one:

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

Check

Question 23

Correct

Mark 1.00 out of
1.00

Flag question

Conservation can be achieved by

Select one:

- a. Pollution control
- b. All from the list ✓
- c. Recycling
- d. Economical use of natural resources

Check

Question 24

Correct

Mark 1.00 out of
1.00

Flag question

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

Check

Question 25

Correct

Mark 1.00 out of
1.00

Flag question

Increased population has lead to increased

Select one:

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

Check

Question 26

Correct

Mark 1.00 out of
1.00

Flag question

Biotic factors of the environment are composed of:

Select one:

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

Check

Question 27

Correct

Mark 1.00 out of
1.00

Flag question

The physical components of Environment are

Select one:

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

Check

Question 28

Correct

Mark 0.67 out of
1.00

Flag question

The complete components of hydrosphere include

Select one:

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

Check

Question 29

Correct

Mark 1.00 out of
1.00

The layer which is closest to the earth surface is:

Select one:

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

Question 30

Correct

Mark 1.00 out of
1.00

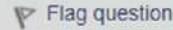
"The process of Water getting constantly cycled through the atmosphere, ocean and land is called "

Select one:

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

Question 31

Correct

Mark 1.00 out of
1.00

Most important components of the ecosystem are:

Select one:

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

Question 32

Correct

Mark 1.00 out of
1.00

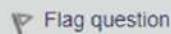
The organisms who directly feed on producers are called

Select one:

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

Question 33

Correct

Mark 1.00 out of
1.00

Eutrophication associated with _____

Select one:

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

Question 34

Correct

Mark 1.00 out of
1.00

Water Logging is _____

Select one:

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

Question 35

Correct

Mark 1.00 out of
1.00

Flag question

Water logging is _____

Select one:

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

Check

Question 36

Correct

Mark 1.00 out of
1.00

Flag question

The main gas present in Troposphere is _____

Select one:

- a. CO₂
- b. H₂
- c. N₂
- d. O₂

Check

Question 37

Correct

Mark 0.67 out of
1.00

Flag question

A community with no living green plant is _____

Select one:

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

Check

Question 38

Correct

Mark 1.00 out of
1.00

Flag question

Tiger conservation project is started in the year _____

Select one:

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

Check

Question 39

Correct

Mark 1.00 out of
1.00

Flag question

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

Select one:

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

Check

Question 40

Correct

Mark 1.00 out of
1.00

Flag question

The ecological pyramids were developed by----

Select one:

- a. Charles Elton ✓
- b. Roy Clapham
- c. Ernst Haeckel
- d. James Lovelock

Check

Question 41

Correct

Mark 1.00 out of
1.00

Flag question

Primary succession on bare rock starts with

Select one:

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

Check

Question 42

Correct

Mark 1.00 out of
1.00

Flag question

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

Check

Question 43

Correct

Mark 1.00 out of
1.00

Flag question

"Earth day" is celebrated on ____

Select one:

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

Check

Question 44

Correct

Mark 1.00 out of
1.00

Flag question

Producer in an ecosystem are

Select one:

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

Check

Question 45

Correct

Mark 1.00 out of
1.00

Flag question

In aquatic ecosystem phytoplankton can be considered as a

Select one:

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

Check

Question 46

Correct

Mark 1.00 out of
1.00

Flag question

The basic requirements of human beings are provided by

Select one:

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

Check

Question 47

Correct

Mark 1.00 out of
1.00

Flag question

Environment is the life support system that includes

Select one:

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

Check

Question 48

Correct

Mark 0.00 out of
1.00

Flag question

In an ecosystem biological cycling of materials is maintained by

Select one:

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

Check

Question 49

Correct

Mark 1.00 out of
1.00

Flag question

Significance of environmental studies

Select one:

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

Check

Question 50

Correct

Mark 1.00 out of
1.00

Flag question

Organisms which feed directly or indirectly on producers are called

Select one:

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

Check

Question 51

Correct

Mark 1.00 out of
1.00

Flag question

The primary producers in a forest ecosystem are

Select one:

- a. Herbivores
- b. Carnivores
- c. Chlorophyll containing trees and plants ✓
- d. Bacteria and other microorganisms

Check

Question 52

Correct

Mark 1.00 out of
1.00

Flag question

Abiotic component includes

Select one:

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

Check

Question 53

Correct

Mark 1.00 out of
1.00

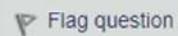
Which of the following statement is true?

Select one:

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

Check**Question 54**

Correct

Mark 1.00 out of
1.00

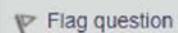
Primary consumer is

Select one:

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

Check**Question 55**

Correct

Mark 1.00 out of
1.00

A predator is

Select one:

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

Check

Question 56

Correct

Mark 1.00 out of
1.00

Flag question

Fresh water ecosystem

Select one:

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

Check

Question 57

Correct

Mark 1.00 out of
1.00

Flag question

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

Select one:

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

Check

Question 58

Correct

Mark 1.00 out of
1.00

Flag question

Which atmospheric layer is farthest to the earth surface?

Select one:

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

Check

Question 59

Correct

Mark 1.00 out of
1.00

Flag question

Which of the following is the terrestrial ecosystem?

Select one:

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

Check

Question 60

Correct

Mark 0.67 out of
1.00

Flag question

From atmosphere green plants absorb

Select one:

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

Check

Question 61

Correct

Mark 1.00 out of
1.00

Flag question

Autotrophs are called

Select one:

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

Check

Question 62

Correct

Mark 1.00 out of
1.00

Flag question

Producers are also known as convertors, because

Select one:

- a. Convert solar energy into chemical bond energy of the organic compounds ✓
- b. Convert solar energy into physical energy of the inorganic compounds
- c. All of above
- d. Convert solar energy into mechanical energy of the organic compounds

Check

Question 63

Correct

Mark 1.00 out of
1.00

Flag question

Goat, cattles, rabbits and deer are

Select one:

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

Check

Question 64

Correct

Mark 1.00 out of
1.00

Flag question

Environmental education should be imparted at

Select one:

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

Check

Question 65

Correct

Mark 1.00 out of
1.00

Flag question

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

Select one:

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

Check

Question 66

Correct

Mark 1.00 out of
1.00

Flag question

The environment which has been developed by human activities is called

Select one:

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

Check

Question 67

Correct

Mark 1.00 out of
1.00

Flag question

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. All of the given
- d. The sphere which occupies the maximum volume of all of the spheres

Check

Question 68

Correct

Mark 1.00 out of
1.00

Flag question

Biotic and abiotic components are linked together through

Select one:

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

Check

Question 69

Correct

Mark 1.00 out of
1.00

Flag question

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

Select one:

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

Check

Question 70

Correct

Mark 1.00 out of
1.00

Flag question

The adverse effect of modern agriculture is

Select one:

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

Check

Question 71

Correct

Mark 1.00 out of
1.00

Flag question

Organic Farming

Select one:

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

Check

Question 72

Correct

Mark 1.00 out of
1.00

Flag question

Pick the primary consumer

Select one:

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

Check

Question 73

Correct

Mark 1.00 out of
1.00

Flag question

In an ecosystem, the flow of energy is

Select one:

- a. Bidirectional
- b. Cyclic
- c. Multidirectional
- d. Unidirectional ✓

Check

Question 74

Correct

Mark 1.00 out of
1.00

Flag question

Which one is the correct food chain?

Select one:

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

Check

Question 75

Correct

Mark 1.00 out of
1.00

Flag question

Dead remains of plants and animals are known as

Select one:

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

Check

Question 76

Correct

Mark 1.00 out of
1.00

Flag question

Every food chain starts with _____

Select one:

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

Check

Question 77

Correct

Mark 1.00 out of
1.00 Flag question

Man-made ecosystem is

Select one:

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

 Check**Question 78**

Correct

Mark 1.00 out of
1.00 Flag question

Autotrophic Planktons are called _____.

Select one:

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

 Check

Question 79

Correct

Mark 1.00 out of
1.00

Flag question

Each step in a food chain represents _____

Select one:

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

Check

Question 80

Correct

Mark 0.67 out of
1.00

Flag question

Ecological pyramids are the graphical representation of

Select one:

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

Check

Question 81

Correct

Mark 1.00 out of
1.00

Flag question

A food web consists of

Select one:

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

Check

Question 82

Correct

Mark 1.00 out of
1.00

Flag question

An ecosystem consists of two types of components

Select one:

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

Check

Question 83

Correct

Mark 0.67 out of
1.00

Flag question

In a food chain, animals constitute the

Select one:

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

Check

Question 84

Correct

Mark 1.00 out of
1.00

Flag question

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

Select one:

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

Check

Question 85

Correct

Mark 1.00 out of
1.00

Flag question

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

Select one:

- a. Saprophytic food chain ✓
- b. Consumer food chain
- c. Parasitic food chain
- d. Predator food chain

Check

Question 86

Correct

Mark 1.00 out of
1.00

Flag question

Lion and Tiger are

Select one:

- a. Top carnivores ✓
- b. Primary autotrophs
- c. Primary producers
- d. Primary carnivores

Check

EVS UNIT 2 MOODLE

Question 1

Correct

Mark 1.00 out of
1.00

Flag question

Permissible limit of pH in the drinking water is _____

Select one:

- a. Below 7
- b. 6.5-8.5 ✓
- c. 6-9
- d. above 7

Check

Question 2

Correct

Mark 1.00 out of
1.00

Flag question

Water Stress is felt when there is _____

Select one:

- a. Less water ✓
- b. No water
- c. Abundant water
- d. None of the above

Check

Question 3

Correct

Mark 1.00 out of
1.00

Flag question

chipko movement started in the year

Select one:

- a. 1956
- b. 1965
- c. 1973 ✓
- d. 1989

Check

Question 4

Correct

Mark 1.00 out of
1.00

Flag question

Effect of over utilization of ground water leads to _____

Select one:

- a. Land Subsidence ✓
- b. Global warming
- c. Increases soil fertility
- d. Acid Rain

Check

Question 5

Correct

Mark 1.00 out of
1.00

Flag question

Identify the primary macronutrients _____

Select one:

- a. None of the above
- b. Hydrogen (H_2), Nitrogen (N_2) and carbon(C)
- c. **Nitrogen (N), Phosphorus (P), and Potassium (K).** ✓
- d. Calcium (Ca), Magnesium (Mg) and Nitrogen(N)

Check

Question 6

Correct

Mark 1.00 out of
1.00

Flag question

Any material given to us by nature which can be transformed in a way that it becomes more valuable and useful

Select one:

- a. Minerals
- b. Pollution
- c. Natural resource ✓
- d. None from the list

Question 7

Correct

Mark 1.00 out of
1.00

Flag question

What is the most abundant pollutant from fossil fuel combustion?

Select one:

- a. Nitrogen dioxide
- b. Volatile Organics
- c. Carbon Monoxide ✓
- d. Sulphur dioxide

Check

Question 8

Correct

Mark 1.00 out of
1.00

Flag question

What form of energy is radiated by the earth and trapped by greenhouse gasses to cause global warming?

Select one:

- a. Gamma radiation
- b. Infra Red ✓
- c. Ultra violet
- d. None from the list

Check

Question 9

Correct

Mark 1.00 out of
1.00

Flag question

Which among the following are not natural resource

Select one:

- a. Electricity ✓
- b. Wind
- c. Water
- d. Coal

Check

Question 10

Correct

Mark 1.00 out of
1.00

Flag question

Which among the following is NOT renewable natural resource

Select one:

- a. Water
- b. Coal ✓
- c. All from the list
- d. Wind

Check

Question 11

Correct

Mark 1.00 out of
1.00

Flag question

Forest as a Natural resources helps in

Select one:

- a. Prevent soil erosion
- b. Minimize weather extremities
- c. All from the list ✓
- d. Minimize floods

Check

Question 12

Correct

Mark 1.00 out of
1.00

Flag question

Reasons for large scale depletion of forest

Select one:

- a. Population
- b. Commercial exploitation of the forest
- c. All from the list ✓
- d. Land mass expansion

Check

Question 13

Correct

Mark 1.00 out of
1.00

Flag question

Forest depletion leads to

Select one:

- a. Loss of biodiversity
- b. All from the list ✓
- c. Loss of soil productivity
- d. Rise in temperature

Check

Question 14

Correct

Mark 1.00 out of
1.00

Flag question

The water trapped as glaciers and ice caps is

Select one:

- a. None from the list
- b. 2.05% ✓
- c. 0.05%
- d. 15%

Check

Question 15

Correct

Mark 1.00 out of
1.00

Flag question

Which of the following is not a fossil fuel?

Select one:

- a. Coal.
- b. Uranium. ✓
- c. Petroleum
- d. Natural Gas

Check

Question 16

Correct

Mark 1.00 out of
1.00

Flag question

Which of the following energy resources is renewable?

Select one:

- a. Petroleum
- b. Hydroelectric power.
- c. Coal
- d. Nuclear Power

Check

Question 17

Correct

Mark 1.00 out of
1.00

Flag question

Agent of Soil erosion:

Select one:

- Humidity
- Temperature
- None from the list
- Water

Check

Question 18

Correct

Mark 1.00 out of
1.00

Flag question

Which among the following does not belong to the category of Renewable Resource?

Select one:

- Wind
- Sunlight
- Coal
- Biomass energy

Check

Question 19

Correct

Mark 1.00 out of
1.00

Flag question

Which from the following list cause the large-scale depletion of forest?

Select one:

- Mining activities
- Forest fire
- Commercial exploitation of the forest
- All from the list ✓

Check

Question 20

Correct

Mark 1.00 out of
1.00

Flag question

White powdery deposits seen on water taps, is because of:

Select one:

- Hardness ✓
- Low pH
- Flouride
- High pH

Check

Question 21

Correct

Mark 1.00 out of
1.00

Flag question

If you use RO water purifier in your house, then what property of water is changed because of RO filter? (Choose the MOST appropriate one)

Select one:

- Odor
- Hardness ✓
- Turbidity
- Color

Check

Question 22

Correct

Mark 1.00 out of
1.00

Flag question

As per CPHEEO for average size cities with piped water supply and existing sewerage system the recommended per capita water demand is _____

Select one:

- 70 lpcd
- 100 lpcd
- 150 lpcd
- 135 lpcd ✓

Check

Question 23

Correct

Mark 1.00 out of
1.00

Flag question

Chemical parameters of water quality assessment does not include:

Select one:

- Hardness
- Acidity
- pH
- Conductivity ✓

Check

Question 24

Correct

Mark 1.00 out of
1.00

Flag question

Physical parameters of water quality assessment does not include:

Select one:

- Turbidity
- Hardness ✓
- Odor
- Color

Check

Question 25

Correct

Mark 1.00 out of
1.00

Flag question

Soap not giving lather is because of:

Select one:

- Less dissolved oxygen
- Iron
- Hardness ✓
- Chloride

Check

Question 26

Correct

Mark 1.00 out of
1.00

Flag question

**The energy which can be generated again
and again are called:**

Select one:

- Man-made energy
- Biomass energy
- Renewable energy ✓
- None from the list

Check

Question 27

Correct

Mark 1.00 out of
1.00

Flag question

**The fresh water available for human use is
only:**

Select one:

- 0.07%
- 7.0%
- None from the list
- 0.7% ✓

Check

Question 28

Correct

Mark 1.00 out of
1.00

Flag question

Which among the following are natural resources?

Select one:

- All from the list ✓
- Iron
- River
- Sunlight

Check

Question 29

Correct

Mark 1.00 out of
1.00

Flag question

Which among the following are the outcome of deforestation?

Select one:

- Loss of biodiversity
- Lesser precipitation
- Loss of soil productivity
- All from the list ✓

Check

Question 30

Correct

Mark 1.00 out of
1.00

Flag question

Which among the following is not true about minerals?

Select one:

- a. Are man made ✓
- b. Has definite composition
- c. Has identifiable physical characteristics
- d. Takes millions of years for the formation

Check

Question 31

Correct

Mark 1.00 out of
1.00

Flag question

Minerals are deposited and accumulated in the stratas of which of the following rocks?

Select one:

- a. Igneous rocks
- b. Sedimentary ✓
- c. None of the above
- d. Metamorphic rocks

Check

Question 32

Correct

Mark 1.00 out of
1.00

Flag question

Which one of the following is a non-metal?

Select one:

- a. Mica ✓
- b. Platinum
- c. Bronze
- d. Gold

Check

Question 33

Correct

Mark 1.00 out of
1.00

Flag question

Gold is an example of minerals.

Select one:

- a. Both Non ferrous & ferrous
- b. None from the list
- c. Non-ferrous ✓
- d. Ferrous

Check

Question 34

Correct

Mark 1.00 out of
1.00

Flag question

Energy obtained from the earth is known as:

Select one:

- a. Thermal
- b. Bio gas
- c. Nuclear energy
- d. Geothermal

Check

Question 35

Correct

Mark 1.00 out of
1.00

Flag question

Which of the following energy sources does not produce carbon dioxide?

Select one:

- a. Coal
- b. Oil
- c. Natural Gas
- d. Uranium

Check

Question 36

Correct

Mark 1.00 out of
1.00

Flag question

The energy rich substances formed from the remains of once-living organisms:

Select one:

- a. Fossil Fuel
- b. Radioactive Energy
- c. Minerals
- d. None from the list

Check

Question 37

Correct

Mark 1.00 out of
1.00

Flag question

Which among the following are **NOT** fossil fuel?

Select one:

- a. Oil
- b. Natural Gas
- c. Geothermal energy ✓
- d. Coal

Check

Question 38

Correct

Mark 1.00 out of
1.00

Flag question

The Fossil fuel are made up of:

Select one:

- a. Hydrocarbons ✓
- b. Minerals
- c. halogens
- d. None from the list

Check

Question 39

Correct

Mark 1.00 out of
1.00

Flag question

Coal is a solid fossil fuel formed from plant remains

Select one:

- a. Petroleum
- b. Natural Gas
- c. Coal ✓
- d. All from the list

Check

Question 40

Correct

Mark 1.00 out of
1.00

Flag question

"Which among the following is formed from remains of small animals, algae and protists?"

Select one:

- a. Coal
- b. Compressed natural gas
- c. All from the list
- d. Liquid fossil fuel ✓

Check

Question 41

Correct

Mark 1.00 out of
1.00

Flag question

An example of fossil fuel is

Select one:

- a. Wood
- b. All from the list
- c. Animal waste
- d. Coal ✓

Check

Question 42

Correct

Mark 1.00 out of
1.00

Flag question

Minerals need to be conserved because

- (i) They are renewable.
- (ii) They are depleting rapidly.
- (iii) They are needed for country's industrial development.
- (iv) Their formation is very fast.

Select one:

- a. i and ii
- b. i and iii
- c. All from the list
- d. ii and iii ✓

Check

Question 43

Correct

Mark 1.00 out of
1.00

Flag question

Which one of the following is a non-metallic mineral?

Select one:

- a. Copper
- b. Limestone ✓
- c. Lead
- d. Tin

Check

Question 44

Correct

Mark 0.33 out of
1.00

Flag question

Which among the following is the most abundant element in nature?

Select one:

- a. Nitrogen ✓
- b. Hydrogen
- c. Carbon
- d. Phosphorus

Check

Question 45

Correct

Mark 1.00 out of
1.00

Flag question

Conversion of ammonia to nitrite and then to nitrates is called:

Select one:

- a. Nitrification ✓
- b. Assimilation
- c. Denitrification
- d. Ammonification

Check

Question 46

Correct

Mark 1.00 out of
1.00

Flag question

This factor contributes to the carbon cycle

Select one:

- a. Photosynthesis
- b. Respiration
- c. Fossil fuel combustion
- d. All from the list ✓

Check

Question 47

Correct

Mark 1.00 out of
1.00

Flag question

The sulphur is released by:

Select one:

- a. The weathering of rocks ✓
- b. Compression
- c. Mineralization
- d. None from the list

Check

Question 48

Correct

Mark 1.00 out of
1.00

Flag question

Kolar and Hutti in Karnataka are well known for

Select one:

- a. Gold Mine ✓
- b. Gypsum
- c. Copper
- d. Dolomite

Check

Question 49

Correct

Mark 1.00 out of
1.00

Flag question

Sulphur cycle can be affected by human intervention

Select one:

- a. FALSE
- b. TRUE ✓

Check

Question 50

Correct

Mark 1.00 out of
1.00

Flag question

Which among the following entities does NOT contain nitrogen?

Select one:

- a. DNA
- b. Carbohydrates ✓
- c. RNA
- d. Protein

Check

Question 51

Correct

Mark 1.00 out of
1.00

Flag question

The process wherein N₂ is converted to ammonium is called:

Select one:

- a. Nitrogen fixation ✓
- b. nitration
- c. Nitrosification
- d. None from the list

Check

Question 52

Correct

Mark 1.00 out of
1.00

Flag question

The ammonium (NH_4^+) produced by bacteria is taken up by a host plant or another soil organism. This process is called:

Select one:

- a. Nitrogen uptake ✓
- b. Nitrogenation
- c. Denitrification
- d. None from the list

Check

Question 53

Correct

Mark 1.00 out of
1.00

Flag question

The process of conversion of organic nitrogen to ammonium is called:

Select one:

- a. Nitrogen mineralization ✓
- b. Assimilation
- c. Mineralization
- d. None from the list

Check

Question 54

Correct

Mark 1.00 out of
1.00

Flag question

Which form of the following can be easily be utilized by plants

Select one:

- a. N₂
- b. H₂
- c. NH₃ ✓
- d. All of the these

Check

Question 55

Correct

Mark 0.67 out of
1.00

Flag question

Which of the following processes fixes atmospheric nitrogen into useable form of nitrogen:

Select one:

- a. All from the list ✓
- b. Lightning
- c. Hot Lava
- d. Forest fire

Check

Question 56

Correct

Mark 1.00 out of
1.00

Flag question

Which among the following is the important step of carbon cycle?

Select one:

- a. Denitrification
- b. Photosynthesis ✓
- c. Carbon dating
- d. None from the list

Check

Question 57

Correct

Mark 0.33 out of
1.00

Flag question

Nitrogen is absorbed by the plants in the form of

Select one:

- a. Nitrites
- b. Ammonium
- c. All from the list ✓
- d. Nitrates

Check

Unit 2.1 MOODLE

1. Environmental Pollution is defined as

Select one:

- a. Unfavorable alteration of our surroundings.
- b. Unfavorable alteration in human beings
- c. All the given
- d. Favorable changes in our surroundings.

2. Plastic and DDT are

Select one:

- a. Primary pollutants
- b. All the given
- c. Quantitative pollutants
- d. Secondary pollutants

3. Examples of non point source of pollution are

Select one:

- a. Factories
- b. Power plants
- c. Urban and suburban lands
- d. Underground coal mines

4. Examples of point source of pollution are

Select one:

- a. Oil wells
- b. Lawns
- c. Roads
- d. Construction sites

5. Biodegradable pollutants are those which

Select one:

- a. Slowly decompose by artificial process
- b. Rapidly decompose by natural process
- c. Rapidly decompose by artificial process
- d. Slowly degraded by microbial action

6. Nuclear waste dumps, garbage dumps and pvc factories are major contributors to

Select one:

- a. Water pollution
- b. Land pollution
- c. Air pollution
- d. Noise pollution

7. ISO 14000 standards deal with

Select one:

- a. Pollution Management
- b. None of the given
- c. Risk management
- d. Environmental Management**

8. Volcanoes emit

Select one:

- a. No sulphur oxide at all
- b. Very small amount of sulphur trioxide
- c. Very small amount of sulphur dioxide**
- d. Very large amount of sulphur trioxide

9. Noise pollution is

Select one:

- a. Feel comfort with disagreeable sound
- b. Pleasant sound that causes discomfort for all living beings
- c. None of the given
- d. Unwanted, unpleasant sound that causes discomfort for all living beings**

10. For effective waste management stress is given on 3 R's . What are they?

Select one:

- a. All the given
- b. Reduce, reuse and recycle**
- c. Risk, reduce and rectify
- d. Recollect, reuse and remade

11. Domestic, Commercial, Construction and Boimedical wastes are considered as

Select one:

- a. Urban waste**
- b. Industrial waste
- c. All the given
- d. Hazardous waste

12. Example for non-biodegradable waste

Select one:

- a. Dry leaves
- b. Vegetables
- c. Polythene bags**
- d. Egg shells

13. Algal blooms are due to

Select one:

- a. Water soluble compounds containing nitrate, phosphate and ammonium ions
- b. Plant nutrients
- c. All the given
- d. Water pollution

14. Incineration is a

Select one:

- a. Hygienic way of disposing bio medical waste
- b. Common method of disposing solid waste
- c. None of the given
- d. Cheap method of disposing liquid waste

15. Which of the following is a solid waste disposal method

Select one:

- a. Composting
- b. Landfill
- c. Incineration
- d. All the given

16. Which is the non-degradable pollutant

Select one:

- a. PCB's
- b. Dioxins
- c. DDT
- d. All the given

17. The Bhopal Gas Trajedy happened

Select one:

- a. Leakage of methyl isocyanate
- b. Leakage of methyl dicyanate
- c. Leakage of ethyl isocyanate
- d. Leakage of methyl cyanate

18. Sound intensity is measured in

Select one:

- a. Hertz
- b. Decabels
- c. Decibels
- d. Amperes

19. Organic waste is converted into a fertilising manure by biological action

Select one:
a. Landfilling

- b. Composting
c. Incineration
d. All the given

20. Acoustical materials

Select one:
a. Emit sound
b. Adsorb sound

- c. Absorb sound
d. Transmit sound

21. Taj Mahal at Agra is getting damaged by

Select one:
a. The emission of HCl by the Mathura oil refinery
b. The emission of CO by the Mathura oil refinery
c. The emission of NO by the Mathura oil refinery
d. Acid rain

22. Chlorofluorocarbons (CFCs) causes

Select one:
a. Ozone depletion
b. Green house effect
c. Global warming
d. All the given

23. Chlorofluorocarbons (CFCs) is used as solvent in

Select one:

- a. All the given
b. Fire retardant
c. Refrigerator
d. Air-conditioner

24. Converting solid wastes into compost using earthworm

Select one:
a. Incineration
b. Composting
c. Vermiculture
d. Landfilling

25. Secondary pollutants are formed by the

- Select one:
- a. None of the given
 - b. Interaction among the secondary pollutants
- c. Interaction among the primary pollutants
 - d. Interaction between primary and secondary pollutants

26. Bio-medical wastes are -----

- Select one:
- a. Radioactive wastes
- b. Anatomical and pathological wastes
 - c. Industrial wastes
 - d. Domestic waste

27. Example for Natural pollution

- Select one:
- a. All the given
 - b. Soil erosion
 - c. Volcanic eruptions
 - d. Ultraviolet rays

28. The Environmental Protection Act (EPA) for

- Select one:
- a. Protection of the environmental pollutants
 - b. Protection of air, water and soils
 - c. Protection of land and the control of the environmental pollution
 - d. Protection of air, water and soil quality and the control of the environmental pollutants including
- wastes

29. Noise pollution effects

- Select one:
- a. Brain
 - b. Liver
 - c. Heart
- d. All the given

30. Effects of depletion in ozone layer

- Select one:
- a. Lung cancer
 - b. Bone cancer
 - c. Blood cancer
- d. Skin cancer

31. Sound absorbing device in a automobile is

Select one:
a. Muzzle

- b. Muffler
c. Engine
d. Exhaust pipe

32. Air borne organic materials such as spores, pollen, bacteria, fur, feathers causes

Select one:

- a. Hay fever
b. None of the given
c. Nervous problems
d. Reduced vision

33. PAN (Peroxyacetyl nitrate) is a kind of

Select one:
a. Land pollutant
b. Noise pollutant
c. Water pollutant
d. Air pollutant.

34. Hydrogen fluoride pollutant causes

Select one:
a. Dry cough

- b. Mottling of teeth
c. Cold and Sneezing
d. All the given

35. Air pollution can be controlled by

Select one:
a. Selection of suitable manufacturing site for industries
b. Selecting suitable fuel with low sulphur content
c. All the given
d. Modifications in equipments to reduce emission

36. Primary pollutants

Select one:
a. Are reacting with other pollutants and cause pollution
b. Are reacting with other pollutants when their concentration is very high
c. Are the one which change their form soon after added to the environment
d. Persist in the form in which they are added to the environment

37. Addition of organic or inorganic substance which degrade the quality of water is define as

Select one:

- a. Water pollution
- b. Putrescibility
- c. Eutrophicationn
- d. Algal bloom

38. Point sources are

Select one:

- a. Discharge of pollutants are scattered and do not have any particular path to water
- b. Discharge of pollutants are sprayed over the water
- c. Discharge of pollutants directly into the water
- d. None of the given

39. Smog is a

Select one:

- a. None of the given
- b. Combination of smoke and dust
- c. Combination of smoke and fog
- d. Combination of smoke and gases

40. Decomposition of organic matter present in water by microorganisms using oxygen is

Select one:

- a. Algal bloom
- b. Water pollution
- c. Eutrophicationn
- d. Putrescibility

41. Water pollution by organic wastes is measured in terms of

Select one:

- a. Biological Demand
- b. Oxygen Demand
- c. Biochemical Oxygen Demand
- d. Chemical Oxygen Demand

42. Chlorosis is the reduction in the chlorophyll, due to the

Select one:

- a. Effect of soil pollution on plants
- b. Effect of air pollution on plants
- c. Effect of water pollution on plants
- d. Effect of noise pollution on plants

43. Nitrogen percentage in atmospheric air

Select one:

- a. 79
- b. 20
- c. None of the given
- d. 71

44. Necrosis is the death of cells or tissues by the

Select one:

- a. Effect of noise pollution on plants
- b. Effect of air pollution on plants
- c. Effect of water pollution on plants
- d. Effect of soil pollution on plants

45. Water contaminated with Mercury can cause

Select one:

- a. Itai Itai disease
- b. Lung diseases
- c. All the above
- d. Minamata disease

46. Chemicals used to kill insects

Select one:

- a. Rodenticides
- b. Fungicides
- c. Insecticides
- d. Algicides

47. Karnataka State Pollution Control Board was established in the year

Select one:

- a. 1974
- b. 1999
- c. 1956
- d. 2005

48. Certain pollutants get accumulated in tissues in increasing concentration along the food chain is called

Select one:

- a. Biomagnification
- b. All the given
- c. Biological degradation
- d. Biochemical Magnification

49. Accumulation of DDT in the tissues of organisms of aquatic food chain is an example for

- Select one:
- a. Biochemical Magnification
 - b. Soil pollution

- c. Biomagnification
- d. All the given

50. Anthropogenic activities means

- Select one:
- a. Animal made
 - b. Biological

- c. Man made
- d. Natural made

51. Water born diseases can be control by

- Select one:
- a. Incineration
 - b. Vaccination
 - c. Defluoridation
 - d. Sterilization

52. Degradable pollutants

Select one:

- a. Decompose rapidly by natural process
- b. Do not decompose any of these processes
- c. Decompose rapidly by artificial process
- d. None of the given

53. Environmental Protection Act (EPA) was enacted in the year

- Select one:
- a. 1999
 - b. 2004
 - c. 1948

- d. 1986

54. DDT

Select one:

- a. Dichloro-diphenyl-trichloroethane
- b. Diphenyl-dichloro-tetrachloroethane
- c. Diphenyl-dichloro-trichloroethane
- d. Diphenyl-dichloro-dichloroethane

55.
]EPA of USA is

Select one:

- a. Environmental production act
- b. Environmental protection analysis
- c. Environmental protection act
- d. Environmental protection agencies

56. Desirable limit of Mercury in drinking water is

Select one:

- a. 0.004mg/l
- b. 0.001mg/l
- c. 0.002mg/l
- d. 0.003mg/l

57. Gas used in cigarette lighter

Select one:

- a. Propane
- b. Radon
- c. Butane
- d. Methane

58. Example for Anthropogenic

Select one:

- a. Earth quakes
- b. Tsunami
- c. Volcanic eruptions
- d. Agricultural pollution

59. Effect of Carbon monoxide is that

Select one:

- a. Attacks brain cells
- b. Combines with haemoglobin and produces asphyxiation
- c. Dissolves in digestive fluids and stops digestion
- d. Causes allergy

60. Which chemical process is used to recover valuable materials from solid waste

Select one:

- a. Hydrolysis
- b. Pyrolysis
- c. Slaking
- d. Tanning

61. Primary treatment of sewage water are

Select one:
a. Salination
b. Desalination

c. Screening and sedimentation
d. Defluoridation

62. Secondary treatment of sewage water are

Select one:
a. Sedimentation
b. Chlorination
c. All the given

d. Biological oxidation

63. Tertiary treatment of sewage waste are

Select one:
a. Desalination
b. Carbonation
c. Chlorination
d. Salination

64. Desirable limit of Cyanide in drinking water

Select one:
a. 0.06mg/l
b. 0.07mg/l
c. 0.08mg/l
d. 0.05mg/l

65 Out of the following nutrients in fertilizer, which one causes minimum water pollution?

Select one:

- a. Phosphorous
- b. Potassium
- c. Organic matter
- d. Nitrogen

66 Water contaminated with cadmium can causes

Select one:

- a. Minamata disease
- b. None the given
- c. Lungs disease



d. Itai Itai disease

67 Primary air pollutants

Select one:



a. CO



b. All the given



c. SO₂



d. NO

68 The first International Earth Summit was held at

Select one:



a. Johannesburg



b. Rio de Janeiro



c. Stockholm



d. Kyoto

69 The protocol meant to reduce greenhouse gases emissions in the atmosphere is

Select one:



a. Montreal protocol



b. Kyoto protocol



c. vienna protocol



d. Cartegena protocol

70 Environmental pollution is said to be artificial when causes by

Select one:



a. Forest fires



b. Human activities



c. Volcanic eruptions



d. Earth quakes

71 Biodegradable pollutants cause pollution

Select one:



a. When their production and the capacity of the environment to degrade them are same.

- b. None of the given
- c. When their production exceeds the capacity of the environment to degrade them.
- d. When their production less than the capacity of the environment to degrade them.

72 Non-degradable pollutants

Select one:

- a. Do not decompose or are decomposed slowly in the natural environment
- b. Decompose in the natural environment
- c. All the given
- d. Do not decompose in the artificial environment.

73 Half-life period

Select one:

- a. Is the amount of temperature required for a quantity to fall to half its value as measured at the beginning of the time period.
- b. All the given
- c. Is the amount of energy required for a quantity to fall to half its value as measured at the beginning of the time period.
- d. Is the amount of time required for a quantity of radioactive material to fall to half its value as measured at the beginning of the time period.

74 The Environmental (Protection) Act 1986 deals with

Select one:

- a. All the given
- b. Water
- c. Air
- d. Soil

75 Acid rain has been increasing day by day due to

Select one:

- a. Industrialization
- b. None of the given
- c. Urbanization
- d. Increase in vehicle population

76 The Air (Prevention and Control of Pollution) Act was enacted in the year

Select one:

- a. 1981
- b. 1974
- c. 1996
- d. 2000

77 The Water (Prevention and Control of Pollution) Act was enacted in the year

Select one:

- a. 1986
- b. 1994
- c. 1974
- d. 2004

78 Carbon monoxide is formed

Select one:

- a. During the incomplete combustion of carbon monoxide containing fuels
- b. All the given
- c. During the complete combustion of carbon containing fuels
- d. During the incomplete combustion of carbon containing fuels

79 Environmental protection is the responsibility of

Select one:

- a. Individual
- b. Govt. of India
- c. NGOs
- d. All the given

80 pH value of acid rain water is

Select one:

- a. <5.7
- b. >5.7

- c. 7
- d. 7.5

81 The effect of acid rain

Select one:

- a. Skin cancer
- b. Increase atmospheric temperature
- c. Reduces the soil fertility
- d. Causing respiratory problems

82 The primary cause of acid rain around the world

Select one:

- a. CO
- b. SO₂
- c. O₃
- d. CFC

83 Reduction in brightness of the famous Taj Mahal is due to

Select one:

- a. Air pollution.
- b. Ozone depletion
- c. Global warming
- d. Afforestation

84 Major compound responsible for the destruction of stratospheric ozone

Select one:

- a. Carbon dioxide
- b. CFC
- c. Oxygen
- d. Methane

85 Which of the following is not an ill effect of acid rain

Select one:



- a. Causes cataract
- b. Reduces soil fertility
- c. Causes marble cancer
- d. Results in killing fish

86 CFC releases _____ a chemical which is harmful to ozone

Select one:



- a. Fluorine



- b. Chlorine



- c. Sox



- d. Nitrogen peroxide

87 Point source of pollutants

Select one:



- a. Need not be treated before they enter into the water



- b. Can be treated before they enter into the water



- c. Cannot be treated before they enter into the water



- d. Do not require treatment before they enter into water

88 What percentage of fresh water is fit for human consumption ?

Select one:



- a. > 2%



- b. > 0.1%



- c. > 10%



- d. > 1%

89 Gastroenteritis is caused by _____

Select one:



- a. P. fluorescence



- b. P. aeruginosa



- c. B. subtilis



- d. E.coli

90 Water borne disease account to nearly _____ of deaths in the world

Select one:

- a. 1/4th
- b. 2/3rd
- c. 1/3rd
- d. 1/5th

91 Wastewater comprises of _____ percentage of water and _____ percentage of solids

Select one:

- a. 97% and 3%
- b. 90% and 10%
- c. 95% and 5%
- d. 99.9% and 0.1%

92 "Proteins, carbohydrates and fats are examples for _____"

Select one:

- a. Inorganics
- b. Sediments
- c. Organics
- d. Salts

93 Chlorinator is in waste water plant for _____

Select one:

- a. Disinfection
- b. Primary treatment
- c. Secondary treatment
- d. Aerobic digestion of sludge

94 "Springs, wells and borewells are examples for _____"

Select one:

- a. Surface water
- b. Underground water
- c. Canal water
- d. Dam water

95 _____ gives information regarding the overall quality of water body

Select one:

- a. Water quantity index
- b. Water quality index
- c. Monds index
- d. Dows Index

96 The quality of water is said to be _____ if the value of index falls between 50-70

Select one:

- a. Excellent
- b. Bad
- c. Medium
- d. Very bad

97 _____ is usually caused by suspended and colloidal particles present in water

Select one:

- a. Temporary hardness
- b. Permanant hardness
- c. Turbidity
- d. Discoloration of steel

98 Oxygen carrying capacity of haemoglobin is reduced in _____

Select one:

- a. Alzheimer's disease
- b. Diabetes
- c. Respiratory disease
- d. Blue baby's disease

99 Excess of _____ leads to depleted dissolved oxygen conditions in water bodies leading to fish kill

Select one:

- a. S and N
- b. C and S

- c. C and N
- d. N and P

100 Amoebic dysentry is caused by _____-

Select one:

- a. Entameoba moshkovskii
- b. Entameoba dispar
- c. Entameoba histolytica
- d. Entameoba polecki

101 Soil _____ takes several thousand years

Select one:

- a. Regeneration
- b. Augmentation
- c. Degeneration
- d. Degradation

102 Solid waste with high _____ can be converted to energy in waste to energy plants

Select one:

- a. Cetane value
- b. Moisture content
- c. Calorific value
- d. Iodine value

103 Composting and anaerobic digestion are examples for _____ plants

Select one:

- a. Biological processing plants
- b. Thermal processing plants
- c. Chemical processing plants
- d. Biochemical processing plants

104 _____ system helps in cost effectively preventing global warming by reducing methane emissions

Select one:

- a. Aerobic sludge process
- b. Composting systems
- c. Biogas plant
- d. Trickling filters

105 "The 4R's used in waste management hierarchy are reduce, reuse, recycle and _____"

Select one:

- a. Refuse
- b. Revive
- c. Recover
- d. Rethink

106 Gasification can be effectively used for burning rice husk for _____ purposes

Select one:

- a. anaerobic digestion
- b. Composting
- c. Vermicomposting
- d. Rural electrification

107 _____ is an example for natural disaster which causes land pollution

Select one:

- a. Waste water treatment plant
- b. Industrial operation
- c. Agricultural practices
- d. Volcanic eruption

108 Mining activities usually releases toxic substances which destroys lands due to _____

Select one:

- a. Storage
- b. Seepage
- c. Trickling

- d. Submergence

109 Cracks in _____ during solid waste management in land can lead to land pollution

Select one:

- a. Incinerators
- b. Landfills
- c. Composters
- d. Gasifiers

110 "The potential effect of soil contamination on human health include breathing disorder, birth defects, skin disease and _____"

Select one:

- a. Blue babys disease
- b. Alzheimers disease
- c. Cancer

111 Bioremediation usually uses _____ for treatment of land

Select one:

- a. Phytoplanktons
- b. Animals
- c. Microbes
- d. Plants

112 Phytoremediation is the use of _____ for treatment of land

Select one:

- a. Plants
- b. Zooplanktons
- c. Animals
- d. Microbe

113 "Incineration, pyrolysis and gasification are examples for _____ conversion of solid waste "

Select one:

- a. Biological
- b. Thermal
- c. Biochemical
- d. Chemical

114 _____ defined air pollution as “the excessive concentration of foreign matter in the air which adversely effects the wellbeing of the individual or causes damage to property

Select one:

- a. The American Medical Society
- b. Indian council for medical research
- c. The Australian Medical Society
- d. World health organization

115 NO₂ and O₃ react with unburnt hydrocarbons to produce PAN and _____

Select one:

- a. Formaldehyde
- b. Ketones
- c. Benzaldehyde
- d. Acetaldehyde

116 Threshold of hearing is the _____ volume in dB that can be heard by human ear

Select one:

- a. Negligible
- b. Greatest
- c. Minimum
- d. Maximum

117 Noise from automobiles like cars and busses are examples for _____

Select one:

- a. Physiological noise
- b. Transport noise
- c. Industrial noise
- d. Community noise

118 Animals become _____ due to detrimental effect pf noise

Select one:

- a. Inactive and dull
- b. Sharp and clear
- c. Active and bright
- d. Smart and dazzling

119 "When subjected to _____ dB of noise, an average person cannot sleep"

Select one:

- a. 79
- b. 45
- c. 60
- d. 25

120 "Noise abatement can be done at source level, in the path and at _____"

Select one:

- a. Chamber end
- b. Receiver end
- c. Field end
- d. Donor end

121 Based on states of matter the air pollutants are classified as gases and _____

Select one:

- a. Solids
- b. Fine molecules
- c. Colloids
- d. Particulates

122 _____ is an example of primary pollutant

Select one:

- a. PAN
- b. Photochemical smog
- c. SOX

- d. Ozone

123 _____ are directly emitted from industrial operations

Select one:

- a. Photochemical smog
- b. Ozone
- c. SOX
- d. PAN

124 Forest fires are known to emit _____ to the atmosphere

Select one:

- a. Smoke and SOX
- b. CO₂ and smoke
- c. CO and smoke
- d. Dust and NOX

125 Volcanoes are known to emit large concentration of _____ to the atmosphere

Select one:

- a. SOX
- b. CO₂
- c. NOX
- d. CO

126 Flyash is typically emitted from _____

Select one:

- a. Thermal power plants
- b. Nuclear power plants
- c. Geothermal power plants
- d. Tidal power plants

127 "_____ harms the plants by causing aging, breakdown of tissues, shredding of leaves etc"

Select one:

- a. CO₂

- b. NOX
- c. VOC's
- d. CO

unit 2.2 MOODLE

1.	Direct energy we get from sun is Select one: a. Chemical energy b. Solar energy c. Kinetic energy d. Physical energy
2.	Solar energy harvesting devices are Select one: a. Solar cells b. Solar heat collectors c. Solar water heaters d. All the given
3.	Significance of Solar cell Select one: a. Noise and pollution free b. None of the given c. Require additional fuel d. Can not be used in remote and isolated areas
4.	Photovoltaic cells or solar cells are used in Select one: a. Electronic watches b. Calculators c. Street lights d. All the given
5.	Solar heat collectors are commonly used in Select one: a. Desert b. Hilly regions c. Cold regions d. Hot regions
6.	In hydropower plants power can be generated by

	<p>Select one:</p> <ul style="list-style-type: none"> a. Sun b. Hydrogen c. Wind d. Water
7.	<p>"Solar energy, Wind energy and Tidal energy are"</p> <p>Select one:</p> <ul style="list-style-type: none"> a. Renewable energy resources b. Centralised energy c. All the given d. Non-renewable energy resources
8.	<p>Advantages of renewable energy resource</p> <p>Select one:</p> <ul style="list-style-type: none"> a. Low pollution b. All the given c. Lower running cost d. Wide availability
9.	<p>Which is the source of energy that can be replaced at the same rate at which it is used ?</p> <p>Select one:</p> <ul style="list-style-type: none"> a. Oil b. Petroleum c. Coal d. Biomass
10.	<p>Moving air is</p> <p>Select one:</p> <ul style="list-style-type: none"> a. Wind b. Climate c. Weather d. Tides
11	<p>Significance of tidal energy</p> <p>Select one:</p> <ul style="list-style-type: none"> a. All the given b. Do not require large land area c. Pollution-free energy resource d. Renewable energy
12	<p>Percentage of methane in biogas</p> <p>Select one:</p> <ul style="list-style-type: none"> a. 20 b. 95 c. 35

	d. 70-80
13	<p>Biogas is obtained by the</p> <p>Select one:</p> <p>a. Anaerobic fermentation of animal dung or plant wastes in presence of air and water b. Anaerobic fermentation of animal dung or plant wastes in absence of water</p> <p>c. Anaerobic fermentation of animal dung or plant wastes in presence of water d. Anaerobic fermentation of animal dung or plant wastes in presence of air</p>
14	<p>Hydrogen fuel possess</p> <p>Select one:</p> <p>a. Medium calorific value b. Low calorific value c. None of the given</p> <p>d. High calorific value</p>
15	<p>Which of the following is considered as an alternate fuel?</p> <p>Select one:</p> <p>a. Biodiesel b. Kerosene c. Petrol d. Coal</p>
16	<p>Hydropower is produced from the kinetic energy of water</p> <p>Select one:</p> <p>a. None of the given b. Flowing in a stream c. Flowing in a river</p> <p>d. Falling from a height</p>
17	<p>Merits of hydroelectricity</p> <p>Select one:</p> <p>a. Clean source of energy b. No emission of green house gases c. No consumption of fuel</p> <p>d. All the given</p>
18	<p>Biomass power generation uses</p> <p>Select one:</p> <p>a. All the given b. Animal dung c. Crops d. Wood</p>

19	<p>Generation of wind energy is depends on Select one:</p> <ul style="list-style-type: none"> a. Direction of wind b. Precipitation of the area c. Humidity of the area d. Wind velocity
20	<p>Biomass refers to Select one:</p> <ul style="list-style-type: none"> a. All waste materials of living plants b. All plant structural components cellulose and hemi cellulose c. "All plant derived molecules, including grain, starch, sugar, oil " d. All the given
21	<p>Hydrogen can be converted directly into electrical energy by Select one:</p> <ul style="list-style-type: none"> a. Gasifiers b. Fuel cells c. Photovoltaic cells d. Heat pumps
22	<p>Biogas is used for Select one:</p> <ul style="list-style-type: none"> a. Producing electricity b. All the given c. Cooking and for street lighting d. Running trains
23	<p>Biogas is considered as good fuel because of Select one:</p> <ul style="list-style-type: none"> a. Cheaper than other fuels b. All the given c. Very convenient to use d. High calorific value
24	<p>Cow dung is used as a Select one:</p> <ul style="list-style-type: none"> a. fuel cake b. All the given c. bio gas fuel resource d. Manure
25	<p>Biogas is gaseous fuel composed mainly of Select one:</p> <ul style="list-style-type: none"> a. Methane and hydrogen sulphide

	<p>b. None of the given</p> <p>c. Methane and Carbon dioxide</p> <p>d. Methane and carbon monoxide</p>
26	<p>Molasses from sugar industry is used to generate</p> <p>Select one:</p> <p>a. Biomethanol</p> <p>b. Hydrogen</p> <p>c. Ethanol</p> <p>d. Diesel</p>
27	<p>Biomass consists of</p> <p>Select one:</p> <p>a. Lignin</p> <p>b. Hemi cellulose</p> <p>c. Cellulose</p> <p>d. All the given</p>
28	<p>Tidal power is important because</p> <p>Select one:</p> <p>a. Pollution free</p> <p>b. It is renewable</p> <p>c. More stable</p> <p>d. All the given</p>
29	<p>Biomass energy in green plants is produced in presence of</p> <p>Select one:</p> <p>a. All the given</p> <p>b. Sunlight</p> <p>c. Carbon dioxide</p> <p>d. Water</p>
30	<p>Harnessing the wind energy is done by</p> <p>Select one:</p> <p>a. Flour mill</p> <p>b. Wind mill</p> <p>c. Ball mill</p> <p>d. Pig mill</p>
31	<p>When a large number of wind mills are installed and joined together in a definite pattern it form a</p> <p>Select one:</p> <p>a. Wind farm</p> <p>b. Generator farm</p> <p>c. Energy farm</p> <p>d. Fuel farm</p>

32	<p>Energy available due to difference in temperature of ocean water is called</p> <p>Select one:</p> <p>a. All the given b. Open thermal energy</p> <p>c. Ocean thermal energy d. Open temperature emission</p>
33	<p>Solar radiation consists of</p> <p>Select one:</p> <p>a. UV</p> <p>b. All the given c. Visible light d. Infrared</p>
34	<p>Photovoltaic cells convert direct solar energy into</p> <p>Select one:</p> <p>a. Electrical energy b. Kinetic energy c. Mechanical energy d. None of the given</p>
35	<p>The first Solar power plant in India was established at</p> <p>Select one:</p> <p>a. "Nagpur, Maharashtra" b. "Chennai, Tamil Nadu" c. "Hyderabad, A.P" d. "Jodhpur, Rajasthan"</p>
36	<p>Solar energy is stored in</p> <p>Select one:</p> <p>a. Carbon_carbon bonds b. Fossil fuels c. Biomass d. Green leaves</p>
37	<p>Renewable energy resources are</p> <p>Select one:</p> <p>a. Artificial and Natural resources</p> <p>b. Natural resources c. None of the given d. Artificial resources</p>
38	<p>Minimum wind speed required for wind mill</p> <p>Select one:</p> <p>a. 25 km/hr</p>

	<p>b. 12 km/hr c. 50 km/hr d. 90 km/hr</p>
39	<p>Tides are produced by the gravitational forces between</p> <p>Select one:</p> <p>a. All the given b. Sun and Earth</p> <p>c. Earth and Moon d. Sun and Moon</p>
40	<p>Hydrogen fuel can be produced by</p> <p>Select one:</p> <p>a. Hydration of water b. Boiling of water c. None of the given</p> <p>d. Electrolysis of water</p>
41	<p>Globally India's position (2016 data) in Wind power generation is</p> <p>Select one:</p> <p>a. 4th b. 3rd c. 7th d. 2nd</p>
42	<p>Formation of water by the chemical combination of hydrogen and oxygen</p> <p>Select one:</p> <p>a. Extract the heat b. Absorb heat c. Increase the heat</p> <p>d. Releases energy</p>
43	<p>New biogas plant starts functioning after about</p> <p>Select one:</p> <p>a. 10 days</p> <p>b. 60 days c. One year d. Immediately</p>
44	<p>Problems of Hydrogen fuel cell is</p> <p>Select one:</p> <p>a. Storage and distribution b. Creates pollution c. Availability of hydrogen d. None of the given</p>

45	<p>Which place in India the tidal energy has been experimented</p> <p>Select one:</p> <ul style="list-style-type: none"> a. Kerala b. Andrapradesh c. Goa d. Tamil Nadu
46	<p>Hydro-electric energy generation causes environmental problem such as</p> <p>Select one:</p> <ul style="list-style-type: none"> a. Earthquake b. Habitat loss c. Deforestation d. All the given
47	<p>Biogas is produced by</p> <p>Select one:</p> <ul style="list-style-type: none"> a. None of the given b. Chemical reaction c. Harvesting crop d. Microbial activity
48	<p>"In India, State rank first in Wind energy production"</p> <p>Select one:</p> <ul style="list-style-type: none"> a. Maharashtra b. Kerala c. Tamil Nadu d. Karnataka
49	<p>'OTEC' is an energy technology that converts</p> <p>Select one:</p> <ul style="list-style-type: none"> a. Energy in ocean due to thermal gradient to generate electricity b. Energy in the fast moving ocean currents to generate electricity c. Energy in large tides of ocean to generate electricity d. Energy in ocean waves to generate electricity
50	<p>The capacity to do work is</p> <p>Select one:</p> <ul style="list-style-type: none"> a. Energy b. All the given c. Resources d. Food
51	<p>The first form of energy is</p> <p>Select one:</p> <ul style="list-style-type: none"> a. Food

	<p>b. Air</p> <p>c. Fire</p> <p>d. Money</p>
52	<p>Which statement is true for wood and coal</p> <p>Select one:</p> <p>a. Both are renewable energy resources</p> <p>b. Wood is renewable energy whereas coal is non-renewable energy resource</p> <p>c. Both are non-renewable energy resources</p> <p>d. Coal is renewable energy whereas wood is non-renewable energy resource</p>
53	<p>Disadvantages of using coal</p> <p>Select one:</p> <p>a. It produces toxic gases during burning.</p> <p>b. Causes global warming.</p> <p>c. When coal is burnt it produces CO₂</p> <p>d. All the given</p>
54	<p>Natural gas is found</p> <p>Select one:</p> <p>a. Mixed with the oil in oil well</p> <p>b. None of the above</p> <p>c. Above the oil in oil well</p> <p>d. Below the oil in oil well</p>
55	<p>Fossil fuels are formed by the decomposition of buried forests and other organic matter due to</p> <p>Select one:</p> <p>a. Earthquake</p> <p>b. All the given</p> <p>c. Landslides</p> <p>d. Volcanic eruptions</p>
56	<p>Example for solid fuels</p> <p>Select one:</p> <p>a. Coal</p> <p>b. Petroleum</p> <p>c. All the given</p> <p>d. Natural gas</p>
57	<p>Example for liquid fuels</p> <p>Select one:</p> <p>a. Natural gas</p> <p>b. Coal</p> <p>c. Petroleum</p> <p>d. All the given</p>

58	<p>Example for gaseous fuels Select one:</p> <p>a. All the given</p> <p>b. Natural gas</p> <p>c. Petroleum</p> <p>d. Coal</p>
59	<p>In Nuclear fission large amount of energy is released through Select one:</p> <p>a. Complex reactions</p> <p>b. Simple reactions</p> <p>c. Chain reactions</p> <p>d. All the given</p>
60	<p>Example for Nuclear fission Select one:</p> <p>a. Fission of U352</p> <p>b. Fission of U235</p> <p>c. Fission of U325</p> <p>d. Fission of U523</p>
61	<p>"In Nuclear fusion, two isotopes of a light elements are "</p> <p>Select one:</p> <p>a. Combined together at extremely low pressure to form a heavier nucleus releasing enormous amount of energy</p> <p>b. All the given</p> <p>c. Combined together at extremely high temperature to form a heavier nucleus releasing enormous amount of energy</p> <p>d. Combined together at extremely low temperature to form a heavier nucleus releasing enormous amount of energy</p>
62	<p>Which is not a eco-friendly energy resource? Select one:</p> <p>a. Nuclear energy</p> <p>b. Wind energy</p> <p>c. Solar energy</p> <p>d. Tidal energy</p>
63	<p>Advantages of non-renewable energy resource Select one:</p> <p>a. Reliable supply</p> <p>b. All the given</p> <p>c. Easy to store</p> <p>d. Available in highly concentrated form</p>

64	<p>Which of the following is conventional source of energy?</p> <p>Select one:</p> <ul style="list-style-type: none"> a. Coal b. Hydro power c. Petroleum <p>d. All the given</p>
65	<p>Nuclear waste is active for</p> <p>Select one:</p> <ul style="list-style-type: none"> a. 5 years b. 50 years <p>c. Centuries</p> <p>d. 1 year</p>
66	<p>Fossil fuels are converted into energy by</p> <p>Select one:</p> <ul style="list-style-type: none"> a. Burning b. Melting c. Sublimation d. Cooling
67	<p>One joule of energy is equivalent to</p> <p>Select one:</p> <ul style="list-style-type: none"> a. 0.2389 calories b. 23.89calories c. 238.9calories d. 2.389calories
68	<p>Non-renewable source of energy contribute for---- percentage of world's energy</p> <p>Select one:</p> <ul style="list-style-type: none"> a. 100% b. 40% <p>c. 80-85%</p> <p>d. 60%</p>
69	<p>A long term atmospheric impact of burning fossil fuel is</p> <p>Select one:</p> <ul style="list-style-type: none"> a. Ozone depletion b. Acid rain <p>c. Global warming</p> <p>d. All the given</p>
70	<p>One British Thermal Unit (BTU) is equivalent to</p> <p>Select one:</p> <ul style="list-style-type: none"> a. None of the above

	<p>b. The energy required to raise the temperature of 1 litre of water to 1 degree F</p> <p>c. The energy required to raise the temperature of 1 litre of water to 1 degree C</p> <p>d. The energy required to raise the temperature of 1 ml of water to 1 degree F</p>
71	<p>"Petroleum, Natural gas and Nuclear Fuels are"</p> <p>Select one:</p> <p>a. Renewable energy resources</p> <p>b. Sustainable energy</p> <p>c. Non-renewable energy resources</p> <p>d. None of the given</p>
72	<p>In nuclear reactor coolant is used for</p> <p>Select one:</p> <p>a. All the given</p> <p>b. Extracting the heat</p> <p>c. Increasing the heat</p> <p>d. Maintaining the heat</p>
73	<p>Nuclear power is being produced from</p> <p>Select one:</p> <p>a. Carbon-14</p> <p>b. Coalification</p> <p>c. Liquification</p> <p>d. Nuclear fission</p>
74	<p>Highest producer of Oil and petroleum is</p> <p>Select one:</p> <p>a. India</p> <p>b. USA</p> <p>c. China</p> <p>d. Iran</p>
75	<p>Which of the following is non-conventional source of energy?</p> <p>Select one:</p> <p>a. Hydel-power</p> <p>b. All the given</p> <p>c. Solar</p> <p>d. Tidal Power</p>
76	<p>Chernobyl nuclear disaster occurred in the year</p> <p>Select one:</p> <p>a. 1984</p> <p>b. 1987</p> <p>c. 1986</p> <p>d. 1952</p>

77	<p>Which is the sustainable energy resource?</p> <p>Select one:</p> <ul style="list-style-type: none"> a. Nuclear energy b. All the given c. Fossil fuels d. Bio fuels
78	<p>The most important fuel used by nuclear power plant is</p> <p>Select one:</p> <ul style="list-style-type: none"> a. U – 248 b. U – 235 c. U – 245 d. U- 238
79	<p>Fukushima Nuclear Plant disaster in 2011 occurred due to</p> <p>Select one:</p> <ul style="list-style-type: none"> a. Explosion of Reactor unit 1 b. Earthquake & Tsunami c. Earthquake only d. Tsunami washout
80	<p>India's largest crude oil supplier (2020)</p> <p>Select one:</p> <ul style="list-style-type: none"> a. America b. Europe c. Africa d. Middle east countries
81	<p>Power demand is measured in Mtoe. What is Mtoe</p> <p>Select one:</p> <ul style="list-style-type: none"> a. Million Metric Tonnes of energy b. Millions of tonnes of oil equivalent c. Mega tonnes of energy d. Metric tonnes oil exported
82	<p>Which one is called Black Coal?</p> <p>Select one:</p> <ul style="list-style-type: none"> a. Bitumin b. Sub bitumin c. Anthracite d. Lignite
83	<p>"In India, most of the coal is used for "</p> <p>Select one:</p> <ul style="list-style-type: none"> a. Railways

	<p>b. Electricity generation c. Industrial furnace d. Steel plants</p>
84	<p>Which is the world's oldest operating petroleum refinery? Select one:</p> <p>a. "Reliance Petrochemicals, Jamnagar" b. "Digboi, Assam" c. "British Petroleum, UK" d. Exxon Mobil Singapore Refinery</p>
85	<p>If natural gas contains lower hydrocarbons like methane and ethane it is called Select one:</p> <p>a. Dry gas b. Hot gas c. Wet gas d. Cold gas</p>
86	<p>"If natural gas contains higher hydrocarbons like propane, butane along with methane it is called" Select one:</p> <p>a. Cold gas b. Hot gas c. Wet gas d. Dry gas</p>
87	<p>Who developed nuclear power in India Select one:</p> <p>a. Dr. H. Bhabha b. Dr. Ramanujam c. Dr. Sir. C.V.Raman d. J.C. Bose</p>
88	<p>"In Nuclear fission, the nucleus of certain isotopes" Select one:</p> <p>a. With large mass numbers are split into lighter nuclie on bombardment by neutrons b. None of the given c. With less mass numbers are split into many nuclie on bombardment by electrons d. With less mass numbers are split into lighter nuclie on bombardment by neutrons</p>
89	<p>The carbon dioxide released into the atmosphere during energy production from Biomass fuel can be removed by Select one:</p> <p>a. Deforestation b. Afforestation c. None of the given</p>

	d. Solar energy
90	<p>Which is not a renewable energy resource?</p> <p>Select one:</p> <p>a. Solar energy</p> <p>b. Fossil fuels</p> <p>c. Tidal energy</p> <p>d. Wind energy</p>
91	<p>Which is not a renewable energy source?</p> <p>Select one:</p> <p>a. Solar energy</p> <p>b. Wind energy</p> <p>c. Nuclear energy</p> <p>d. Geothermal energy</p>
92	<p>With a minimum resource maximum energy can be created by</p> <p>Select one:</p> <p>a. Nuclear fuels</p> <p>b. Natural gas fuels</p> <p>c. Coal fuels</p> <p>d. Petroleum fuels</p>
93	<p>Heating of coal in absence of air to produce coal gas is called</p> <p>Select one:</p> <p>a. None of the given</p> <p>b. Carbonization of coal</p> <p>c. Coalification</p> <p>d. Coal gasification</p>
94	<p>Nuclear power plant in Karnataka is located at</p> <p>Select one:</p> <p>a. Raichur</p> <p>b. Kaiga</p> <p>c. Bhadravathi</p> <p>d. Sandur</p>
95	<p>Which of the following is the major source of thermal pollution</p> <p>Select one:</p> <p>a. Coal fired power plants</p> <p>b. Bio- gas generation</p> <p>c. Nuclear power plant</p> <p>d. Solar power generation</p>
96	<p>One micro curie is</p> <p>Select one:</p>

	<p>a. One millionth of a curie b. None of the given c. One lakh of a curie d. One thousand of a curie</p>
97	<p>Which of the following is used as moderator in the nuclear reactor?</p> <p>Select one:</p> <p>a. All the given b. Helium gas</p> <p>c. Heavy water d. Graphite</p>
98	<p>Atomic fusion in Sun release an energy of</p> <p>Select one:</p> <p>a. 600? Kelvin b. 60000? Kelvin c. 60? Kelvin</p> <p>d. 6000? Kelvin</p>

EVS Unit 3

1. Susceptible to bias and personal interests in an _____ of EIA

Select one:

- a. Power
- b. Limitation
- c. Strength
- d. Robustness

2. NOC from SPCB and forest department is a document that is required for EIA clearance by MoEFCC

Select one:

- a. FALSE
- b. TRUE

3. Which is not an objective of EIA?

Select one:

- a. Recycling and reduction of waste
- b. Risk analysis and disaster management
- c. All the given
- d. Assessment of international funding

4. One chlorine atom can break down _____ ozone molecules

Select one:

- a. 100000
- b. 1000
- c. 1000000
- d. 100

5. EIA methodologies used are adhoc, matrixess, network, checklist and _____

Select one:

- a. Feasibility study
- b. Prefeasibility study
- c. Monitoring and evaluation
- d. Overlay

6. EIA was first introduced in _____ in 1970's

Select one:

- a. India
- b. USA
- c. UK
- d. Japan

7. The protocol meant for reducing green house gas emissions in atmosphere is

Select one:

- a. Kyoto protocol
- b. Vienna protocol
- c. Cartagena protocol
- d. Montreal protocol

8. The impacts caused by construction of dams and reservoirs include:

Select one:

- a. Loss of vegetation cover
- b. All the given
- c. Soil erosion
- d. Changes in microclimate

9. "For an area to be declared as urban area, at least _____ of the working population should be involved in non-agricultural work"

Select one:

- a. 58%
- b. 50%
- c. 75%
- d. 90%

10. The impacts caused by construction of dams and reservoirs include

Select one:

- a. Changes in microclimate
- b. All the given
- c. Soil erosion
- d. Loss of vegetation cover

11. The correct flow of EIA lifecycle is _____

Select one:

- a. Project concept-feasibility study- design- implementation- monitoring and evaluation
- b. Project concept-feasibility study-monitoring and evaluation- implementation-design
- c. Project concept-feasibility study- implementation-design- monitoring and evaluation
- d. Project concept--monitoring and evaluation-feasibility study- implementation-design

12. IAIA is

Select one:

- a. All the given
- b. The Impact Assessment by International Association
- c. International Awareness of Impact Assessment
- d. The International Association for Impact Assessment

13. _____ projects needs clearance from state environment impact assessment authority

Select one:

- a. Category B
- b. Category A
- c. Category D
- d. Category C

14. The Government of India approved the EIA clearance on

Select one:

- a. March 31 1998
- b. Jan.26 1996
- c. Jan. 27 1994
- d. April 03 1998

15. "During China's controversial _____, the fertility fell from 6 births per woman in 1960 to 1.5 in 2014"

Select one:

- a. Community development policy
- b. Two children policy
- c. Education policy
- d. One child policy

16. Gravity filters and _____ are examples for pollution control equipments which are used to tackle particulate matter

Select one:

- a. Cyclone separators
- b. Gasifiers
- c. Scrubbers
- d. Bag filters

17. Urban area with population more than _____ is classified as metropolitan city

Select one:

- a. 50 lac
- b. 20 lac
- c. 10 lac
- d. 5 lac

18. _____ are emitted by commercial refrigerators and air conditioning systems

Select one:

- a. CO
- b. H₂O₂
- c. "HFC, PFC and SF₆"
- d. NO₂

19. _____ projects needs to be cleared from central government in Ministry of Environment and Forests (MoEFCC) on recommendation by EAC

Select one:

- a. Category D
- b. Category B
- c. Category A
- d. Category C

20. The first of the major environmental protection act to be promulgated in India was

Select one:

- a. Environmental act
- b. Air act
- c. Water act
- d. Noise pollution rules

21. _____ gives an opportunity for affected people to present their view

Select one:

- a. scoping studies
- b. EMP
- c. Baseline studies
- d. Public hearing

22. Environmental effect of bigger projects is evaluated in advance by _____ studies

Select one:

- a. EIA
- b. EAC
- c. BSL
- d. EMP

23. Positive growth rate indicates that population of a area is _____

Select one:

- a. remaining the same
- b. Increasing
- c. Does not have an impact
- d. Decreasing

24. "If the polulation of a city in 1995 is 20250000 and that at 1990 was 10500000, what will be the population growth rate "

Select one:

- a. 2.6
- b. 1.2
- c. 0.18
- d. 7.2

25. _____ has a hopper bottom which serves as collector of solids

Select one:

- a. Gasifiers
- b. Cyclone operators
- c. Bag filters
- d. Scrubbers

26. Which is not an objective of EIA?

Select one:

- a. Recycling and reduction of waste
- b. All the given
- c. Risk analysis and disaster management
- d. Assessment of international funding

27. _____ percent of project cost will account for EIA cost

Select one:

- a. 10-15%
- b. 2-4%
- c. 20-30%
- d. 50-60%

28. The new draft EIA was released in _____

Select one:

- a. 2018
- b. 2017
- c. 2020
- d. 2019

29. Urban area with population more than _____ is classified as megapolitan city

Select one:

- a. 60 lac
- b. 50 lac
- c. 80 lac
- d. 70 lac

30. Bigger projects are presented by consultant in front of _____ for environmental clearance

Select one:

- a. EAC
- b. OSHA
- c. CPCB
- d. NIOSH

31. The environmental impact assessment of development projects has so far been done on the basis of:

Select one:

- a. The provisions of the Municipalities Act, 1986
- b. The provisions of the Environment Protection Act, 1986
- c. All the given
- d. Executive order of the President

32. _____ and _____ emitted by industries can lead to acid rain

Select one:

- a. CO₂ and CO
- b. NO₂ and SO₂
- c. PAN and Ozone
- d. HFC and PFC

33. Removal of SOX from flue gas can be done by spraying _____

Select one:

- a. CaCO₃
- b. CaSO₄
- c. H₂SO₄
- d. HNO₃

34. The global warming potential of CH₄ is _____

Select one:

- a. 310
- b. 11700
- c. 9000
- d. 24

35. The environmental impact assessment of development projects has so far been done on the basis of

Select one:

- a. All the given
- b. Executive order of the President
- c. The provisions of the Municipalities Act, 1986
- d. The provisions of the Environment Protection Act, 1986

36. The Government of India approved the EIA clearance on

Select one:

- a. April 03 1998
- b. Jan. 27 1994
- c. Jan.26 1996
- d. March 31 1998

37. In india EIA notification was passed in 1994 under _____ which made it compulsory for specified projects to undergo EIA before commencement

Select one:

- a. Central pollution control board
- b. National institute of occupational safety and health
- c. Environmental protection act
- d. Occupational health and safety agency

38. Good employment opportunities are examples for _____ that drive the migration leading to urbanization

Select one:

- a. Repel factor
- b. Knock factor
- c. Pull factor
- d. Push factor