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Question 1:

What type of radiation is trapped on the earth's surface by the green house effect?

- ☐ UV Rays
- ☒ IR Rays
- ☐ X Rays
- ☐ None of the above

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Question 2:

Extensive planting of trees to increase forest cover is called -

- ☐ Agroforestry
- ☒ Afforestation
- ☐ Deforestation
- ☐ Social forestry

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Question 3:

Who is father of green revolution in india?

☒ MS Swaminathan

☐ Salim ali

☐ Rajendra singh

☐ Sunderlal Bahuguna

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Question 5:

Major Air pollutant causing serious adverse effects are....

- ☐ Carbon Compounds
- ☐ Sulphur Compounds
- ☐ Nitrogen oxides & fluorides
- ☒ All of the above

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Question 4:

Which among the following chronic lung disease commonly known as "black lung" disease, leads to reduced life expectancy in coal-miners?

Marks: 1

- ☒ Pneumoconiosis
- ☐ Progressive Massive Fibrosis
- ☐ Mesothelioma
- ☐ Collier's Asthma

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Question 6:

The establishment of Taj Trapezium Zone (TTZ) enshrines which among the following objectives ?

- ☒ Protection from Pollution
- ☐ Tourism Development
- ☐ Economy Hub
- ☐ Transportation facilities

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Question 7:

The nuclear disaster took place on 11th March 2011 in Japan is

- ☐ Chernobyl
- ☐ 3 Mile Island
- ☐ Bhopal gas leak
- ☒ Fukushima Daiichi

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Question 8:

Acid rain is capable of damaging the buildings and historic monuments which are made up of rocks such as limestone and marble. Which among the following is the end product of such reaction?

Marks: 1

- ☒ Quick Lime
- ☐ Calcium Carbonate
- ☐ Gypsum
- ☐ Calcium Hydroxide

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Question 9:

1. Over Population is problem in India. 2. Over population is not a example of Pollution.

☒ Both are correct

☐ Both are wrong

☐ 1 is correct 2 is wrong

☐ 2 is correct 1 is wrong.

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Question 10:

.... pollution in mining area can be reduced by Sprinkling water.

- ☐ Water
- ☒ Air
- ☐ Sound
- ☐ All of the above

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Question 11:

Atmosphere not uniformly heated by the sun does not cause

- ☐ air flows
- ☐ variations in climate
- ☒ tides
- ☐ rainfall

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Question 12:

Mark: 1

This area has no permanent roads or settlements and is maintained primarily for its primitive character and non-motorized recreation. It is a

- ☒ Wilderness area
- ☐ primitive recreation area
- ☐ national park
- ☐ national forest

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Question 13:

Construction of dams causes

- ☐ Submerges forest
- ☐ Loss of wild life habitat
- ☐ Damages down stream ecosystem
- ☒ All of these

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Question 14:

Amazon forests are called as, Earth's

☐ Heart

☒ Lungs

☐ Brain

☐ Belly

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Question 15:

The percentage of Indian geographical area covered by forest and trees is about-----.

☒ 24.39

☐ 12.50

☐ 70.03

☐ 55.65

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Question 16:

The main green house gas absorbed by the forests as a raw material for photosynthesis is

☒ CO₂

☐ O₂

☐ SO₂

☐ O₃

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Question 17:

Excess fluorides in drinking water is likely to cause

- ☐ Blue babies
- ☒ fluorosis
- ☐ taste and odour
- ☐ intestinal irritation

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Question 18:

CNG stands for

- ☐ Cooling natural gas
- ☒ Compressed natural gas
- ☐ Compound natural gas
- ☐ none of these

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Question 19:

Harnessing the wind energy is done by

☒ Wind Mill

☐ Ball mill

☐ Flour Mill

☐ Pig mill

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Question 20:

Both power and manure are provided by

- ☐ hydroelectric plants
- ☐ thermal plants
- ☐ nuclear power plants
- ☒ gobar gas plants

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Question 21:

Which is true?

- ☐ Oxygen content may not get reduced if forest cover is not sufficient on the earth
- ☒ Forests can be said to behave like non-renewable resources if not overused
- ☐ Fishes are capable of reproducing at the rate at which they are being caught
- ☐ none of these

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Question 22:

Soil conservation is a process in which

- ☐ Soil is aerated
- ☐ Soil erosion
- ☐ Sterile soil is made fertile
- ☒ Soil is protected against loss

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Question 23:

Effect of modern agriculture on soil is due to

- ☐ Erosion
- ☐ Acidification
- ☐ Salinization
- ☒ All

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Question 24:

Eutrophication is

- ☐ an improved quality of water in lakes
- ☐ a process in carbon cycle
- ☒ the result to accumulation of plant nutrients in water bodies
- ☐ a water purification technique

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Question 25:

The minimum time required for the formation of one inch of top soil is

- ☐ 10 years
- ☐ 5 years
- ☒ 100 years
- ☐ 200 years

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Question 26:

Forests are extremely important because they

- ☐ provide clean water and clean air
- ☐ provide habitat for wild life
- ☐ provide recreation and a change from the hectic urban
- ☒ all of the above

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Question 27:

A wetland ecosystem is drained and converted into a residential area. What potential consequence might result from this conversion?

Mark: 1

- ☒ Loss of crucial water filtration services
- ☐ Improved flood control in the region
- ☐ Increased availability of wetland plants
- ☐ None of the above

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Question 28:

In case of parasitic food chain, the shape of the pyramid of number is always:

- ☐ Upright
- ☐ Linear
- ☐ Not certain
- ☒ Inverted

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Question 29:

Ecological Pyramid shows ____ productivity.

- ☐ Biome
- ☐ Organic
- ☒ Biomass
- ☐ None of the above

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Question 30:

The shape of the pyramid of biomass for a pond or any aquatic ecosystem is

☐ Not certain

☐ Upright

☐ Linear

☒ Inverted

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Question 31:

In the presence of Sun and water ____ Produces Food.

- ☐ Decomposer
- ☐ Consumer
- ☒ Producer
- ☐ None of the above

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Question 32:

Nitrogen gas returns to the atmosphere by the action of

- ☒ Denitrifying bacteria
- ☐ Nitrogen fixing bacteria
- ☐ Nitrifying bacteria
- ☐ Nitrate fertilisers

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Question 33:

The phenomenon of accumulation of non- biodegradable contaminants in higher trophic level is known as:

- ☐ Bioprospecting
- ☐ Bio piracy
- ☒ Bio magnification
- ☐ Bioremediation

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Question 34:

The food chain in the ecosystem helps to maintain

- ☐ The feeding relationship in nature, thus biodiversity
- ☐ Passage of nutrients in the ecosystem
- ☐ Flow of energy in the ecosystem
- ☒ All of the above

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Question 35:

The importance of ecosystem lies in

- ☐ Flow of energy
- ☐ Transfer of food
- ☐ Cycling of materials
- ☒ Both a and c

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Question 36:

_____ is known as the science of systems of control in an ecosystem.

- ☐ Syncology
- ☐ Biocoenoses
- ☒ Cybernetics
- ☐ None of the above

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Question 37:

Ecosystem can be of any ____.

☐ Shape

☒ Size

☐ field

☐ None of the above

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Question 38:

Nutrients cycles play important role in-----together biotic and abiotic components

- ☐ Joining
- ☐ Combining
- ☒ Linking
- ☐ None of the above

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Question 39:

Which one of the following converts toxic gases and air pollutants in exhaust to less toxic pollutants?

- ☐ Pollution converter
- ☐ Exhaust converter
- ☒ Catalytic converter
- ☐ Gas converter

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Question 40:

Select the correct option a) Methane is not a greenhouse gas. b) CO₂ is a greenhouse gas.

- ☐ a and b are both true.
- ☐ a is true and b is false.
- ☐ a and b are both false.
- ☒ a is false and b is true.

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Question 42:

___ characteristic of waste is essential in determining the ability of any treatment process.

- ☐ Chemical
- ☐ Physical
- ☐ Biological
- ☐ None of these

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Question 43:

_____ is a secondary air pollutant.

- ☒ smog
- ☐ Oxides of sulphur
- ☐ VOCs
- ☐ Oxides of nitrogen

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Question 44:

BOD is represented as _____ per litre of water?

- ☒ milligrams of oxygen
- ☐ micrograms of carbon
- ☐ milligrams of carbon
- ☐

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Question 45:

The stage at which biological processes are used to purify water in a wastewater treatment plant is called as _____

- ☒ secondary sewage treatment
- ☐ primary sewage treatment
- ☐ wastewater reduction
- ☐ biochemical reduction

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Question 46:

Which of the following is a biodegradable organic chemical/substance?

- ☐ Plastics
- ☐ Oils
- ☒ Garbage
- ☐ Pesticides

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Question 47:

VOC stands for _____.

- ☐ Volatile Organic Components
- ☐ Volcanic Organic Components
- ☒ Volatile Organic Compounds
- ☐ Volcanic Organic Compounds

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Question 48:

The Domestic wastes which can be decomposed under natural processes are called _____ pollutants which are relatively harmless.

Mark

- ☐ Industrial
- ☐ Thermal
- ☒ Biodegradable
- ☐ Non-biodegradable

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Question 49:

Which one of the following is a non-point source of water pollution?

- ☐ Factories
- ☐ Sewage treatment plants
- ☒ Urban and suburban lands
- ☐ All of these

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Question 50:

COD stands for

- ☐ Chemically Obtained Demand
- ☐ Carbon Obtained Demand
- ☒ Chemical Oxygen Demand
- ☐ Bio-Chemical Oxygen Demand

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Question 51:

Which of the following are likely to be present in a photochemical smog?

☐ Sulphur dioxide

☐ Sulphur

☒ Ozone

☐ CFC

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Question 52:

Which factor is responsible for the indoor air pollution ?

- ☐ Disinfectants
- ☐ Paints
- ☐ Air fresheners
- ☒ All of the above

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Question 53:

Reactive, flammable, corrosive and toxic are characteristics of ____ waste.

- ☐ Non-hazardous
- ☒ Hazardous
- ☐ Domestic
- ☐ All of the above

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Question 54:

Fluoride pollution mainly affects what part of the body?

☐ Kidney

☒ Teeth

☐ Brain

☐ Heart

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Question 55:

Air pollution can harm the health or comfort by which of the following?

- ☐ plants
- ☐ materials
- ☐ humans and other animals
- ☒ all of these

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Question 56:

The most serious environmental effect posed by hazardous wastes is

- ☐ air pollution
- ☐ increased use of land for landfills
- ☒ contamination of groundwater
- ☐ destruction of habitats

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Question 57:

The air pollutants are in the form of ____

☐ Liquid droplets

☐ Solid particles

☒ Both

☐ None

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Question 58:

Which of the following air pollution control devices is suitable for removing the finest dust from air?

- ☐ Clarifier
- ☐ Flash Mixer
- ☒ Electrostatic precipitator
- ☐ none of above

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Question 59:

Sand and Gravel Filter is used to Purify

- ☐ Air
- ☒ Water
- ☐ Nitrogen
- ☐ Carbon dioxide

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Question 60:

Damanganga-Pinjal Link is a

- ☐ Dam
- ☒ Interlinking of rivers
- ☐ Hydro power plant
- ☐ Highway

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Question 63:

Water Prevention and Control of Pollution Act came in existence in

☒ 1974

☐ 1975

☐ 1976

☐ 1977

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Question 64:

Formal environmental education represents education

- ☐ within the class room
- ☐ outside the class room.
- ☒ both a) and b)
- ☐ none

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Question 61:

Challenges in river interlinking are

- ☐ enviornmental impact
- ☐ impact on society
- ☒ both a and b
- ☐ reduce encroachment

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Question 65:

The Acronym UNEP stands for

- ☐ United nations environmental policy
- ☒ United nations environmental program
- ☐ United nations environmental protection
- ☐ None of these

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Question 66:

The main objectives of the Air Pollution Control Act:

Marks: 1

- ☐ To provide for the prevention, control and abatement of air pollution
- ☐ To provide for the establishment of central and State Boards with a view to implement the Act
- ☐ To confer on the Boards the powers to implement the provisions of the Act and assign to the Boards functions relating to pollution
- ☒ All of A, B & C

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Question 67:

Generally development is _____

- ☐ gradual growth of the situation
- ☐ to bring positive change for human being
- ☐ unfolding of human potential
- ☒ All of above

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Question 68:

Agricultural discharge alter _____ of water

- ☐ pH
- ☐ Oxygen
- ☒ Both A and B
- ☐ None

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Question 69:

Water shed management is very important to supply water for ____

- ☐ Irrigation
- ☐ Domestic use, reducing floods and droughts
- ☐ Hydropower generation and transportation
- ☒ All the above

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Question 70:

Recharge is the primary method through which water enters _____

- ☐ Over head tank
- ☒ ground
- ☐ Distribution system
- ☐ Lake

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