

Question 1: A farmer planted many trees along a river bank. After a few years the soil near the bank did not wash away during heavy rains. Why did the trees help?

- a) Tree roots hold soil together
- b) Trees make rains stop.
- c) Trees turn soil into rocks.
- d) Tree leaves remove all water.

Question 2: Which of these is a producer in a food chain?

- a) Frog
- b) Grass
- c) Hawk
- d) Worm

Question 3: The city built a new park with many native plants and a pond. Birds and insects returned. What benefit does this park most likely give to the city?

- a) Increases local biodiversity and provides habitat.
- b) Makes the city colder all year.
- c) Removes all clouds from the sky.
- d) Burns fossil fuels faster.

Question 4: Which gas mainly causes the greenhouse effect and global warming?

- a) Oxygen
- b) Carbon dioxide (CO₂)
- c) Helium
- d) Argon

Question 5: Which layer of Earth's atmosphere is nearest to the surface where we live and where weather happens?

- a) Stratosphere
- b) Troposphere
- c) Mesosphere
- d) Thermosphere

Question 6: A factory released oily waste into the sea. Fishermen noticed fewer fish near the shore. What is the most direct environmental impact?

- a) Water pollution harming marine life.
- b) More coral growth.
- c) Cooler ocean temperatures.
- d) Increased rainfall.

Question 7: Which practice helps conserve water at home?

- a) Leaving the tap running while brushing teeth
- b) Taking long showers with the tap fully open
- c) Fixing leaky taps and using a bucket to wash vegetables
- d) Washing cars every day with a hose

Question 8: What does biodiversity mean?

- a) The number of types of living things in an area.
- b) How many buildings are in a city?
- c) The colour of the sky.
- d) The speed of the wind.

Question 9: A class measured temperature each day and noticed it slowly rising over many years. This long-term rise is best called —

- a) Climate change
- b) A single hot day.
- c) A thunderstorm.
- d) A lunar eclipse.

Question 10: Which of the following is a renewable resource?

- a) Coal
- b) Natural gas
- c) Wind energy
- d) Oil

Question 11: Which ocean is the largest by area?

- a) Atlantic Ocean
- b) Indian Ocean
- c) Pacific Ocean
- d) Arctic Ocean

Question 12: A school wants to reduce trash. They set up three bins: one for paper, one for plastic, one for food scraps to compost. This plan is an example of —

- a) Reduce, Reuse, Recycle and composting.
- b) Throw everything in one bin.
- c) Burning trash in the school yard.
- d) Pouring trash into the pond.

Question 13: Which weather instrument measures rainfall amount?

- a) Thermometer
- b) Anemometer
- c) Rain gauge
- d) Barometer

Question 14: What is an endangered species?

- a) A species that is commonly found everywhere.
- b) A species at risk of disappearing from Earth.
- c) A species that can fly.
- d) A species that lives only in water.

Question 15: A road project will cut through a small forest. People study possible harm to animals and trees before building. This study is called —

- a) Environmental Impact Assessment (EIA).
- b) A shopping list.
- c) A weather forecast.
- d) A map of playgrounds.

Question 16: Which sea creature builds coral reefs and is important for many fish?

- a) Starfish
- b) Polyps
- c) Shark
- d) Jellyfish

Question 17: Which of these is an effect of cutting many trees (deforestation)?

- a) More homes for forest animals
- b) Soil erosion and loss of habitat
- c) Increased rainfall instantly
- d) Better air quality forever

Question 18: A farmer rotates crops—growing vegetables one year and legumes the next—so soil stays healthy. This farming method is called —

- a) Crop rotation, a sustainable practice.
- b) Planting only one crop forever.
- c) Burning the field after planting.
- d) Removing topsoil each year.

Question 19: Which part of the ocean is salty water?

- a) Rivers only
- b) Lakes only
- c) Oceans and seas
- d) Bottled water

Question 20: Which is a non-renewable energy source?

- a) Solar energy
- b) Wind energy
- c) Coal (fossil fuel)
- d) Biomass from plant waste

Question 21: A community builds a rainwater harvesting tank to store roof water for gardens.

What environmental benefit does this provide?

- a) Conserves freshwater and reduces demand on wells.
- b) Makes rain stop forever.
- c) Increases flood risk everywhere.
- d) Turns rain into soda.

Question 22: Which organism breaks down dead plants and animals and returns nutrients to soil?

- a) Producer
- b) Decomposer
- c) Consumer
- d) Predator

Question 23: Which phenomenon causes stronger storms and rising sea levels when polar ice melts?

- a) Plate tectonics
- b) Global warming and melting ice
- c) Moon phases
- d) A solar eclipse

Question 24: A coastal town uses fewer plastic bags and teaches reuse. Which of the following reduces ocean plastic pollution most?

- a) Using reusable bags and reducing single-use plastics.
- b) Throwing plastic into rivers.
- c) Burning plastic in open fires.
- d) Burying plastic in the playground.

Question 25: Which colour of the ocean usually shows deeper, colder water on some maps?

- a) Green
- b) Light brown
- c) Dark blue
- d) Yellow

Question 26: Which layer of the atmosphere contains the ozone layer that protects us from some harmful sun rays?

- a) Troposphere
- b) Stratosphere
- c) Exosphere
- d) Inner core

Question 27: A new road will cross a wetland.

Wetlands are important because they —

- a) Filter water, store floodwater and support wildlife.
- b) Only make mosquitoes and nothing else.
- c) Are good places to dump trash?
- d) Turn into deserts every year.

Question 28: Which of these human actions increases carbon dioxide in the air?

- a) Planting trees
- b) Driving petrol/diesel cars and burning coal
- c) Using wind power
- d) Cleaning the river

Question 29: Which practice helps soil stay healthy and prevents erosion?

- a) Removing all plants and leaving bare soil
- b) Planting cover crops and trees on slopes
- c) Dumping waste on fields
- d) Driving heavy machines over fields always

Question 30: A small island nation notices seawater creeping over beaches slowly. This is most likely due to —

- a) Land rising up quickly
- b) Sea level rise caused by climate change
- c) Fish digging holes on beaches
- d) New sand appearing overnight

Question 31: What does composting do?

- a) Turns organic kitchen and garden waste into nutrient-rich soil.
- b) Makes plastic bags.
- c) Makes rocks grow.
- d) Turns water into oil.

Question 32: Which of these animals is a pollinator that helps plants make fruits?

- a) Bee
- b) Snake
- c) Earthworm
- d) Lion

Question 33: A factory puts a tall stack (chimney) and a filter to reduce smoke and harmful particles before releasing air. This helps reduce —

- a) Air pollution and health risks.
- b) The number of clouds.
- c) The amount of daylight.
- d) Rainfall.

Question 34: Which weather event brings strong winds and often heavy rain and forms over warm ocean water?

- a) Tornado on land only
- b) Hurricane / Cyclone / Typhoon (depending on the region)
- c) Snow flurries
- d) Heat wave in the desert

Question 35: Which human activity most directly destroys coral reefs?

- a) Responsible snorkelling and watching
- b) Using anchors carelessly, pollution and warming seas
- c) Planting mangroves nearby
- d) Cleaning beaches

Question 36: A village teaches children to switch off lights and uses solar lamps. Which sustainable goal does this support?

- a) Save energy and reduce fossil fuel use.
- b) Use more coal.
- c) Light up entire forest at night.
- d) Flood the village with water.

Question 37: Which is a biodegradable item that breaks down naturally?

- a) Plastic bottle
- b) Banana peel
- c) Aluminium can
- d) Polystyrene foam

Question 38: Which ocean current brings warm water and affects climate?

- a) A river in India
- b) Ocean currents like the Gulf Stream carry warm water to different regions.
- c) Underground magma flow only
- d) Wind that blows across deserts only

Question 39: Engineers design a building to use less water, capture rain, and have solar panels.

This building is called —

- a) A sustainable or green building.
- b) A wooden hut only.
- c) A car.
- d) A toy house.

Question 40: Which of the following is a sign of good ecosystem health?

- a) Very few types of plants and animals
- b) Many different species and clean water and soil
- c) All animals gone except one species
- d) All plants replaced by concrete

Question 41: Which rain that can harm plants and buildings is caused by pollution and is called —

- a) Acid rain
- b) Sweet rain
- c) Magic rain
- d) Blue rain

Question 42: A protected forest area bans cutting trees and hunting and is called a —

- a) National park or wildlife sanctuary
- b) Parking lot.
- c) Shopping mall.
- d) Playground only.

Question 43: What percentage of Earth's water is freshwater that people can easily use (in lakes, rivers, and shallow groundwater)?

- a) Almost all (about 99%)
- b) About three quarters (75%)
- c) A small part (around 2–3%)
- d) None — all water is saltwater

Question 44: Which of the following is a consequence of overfishing?

- a) Increase in all fish species forever
- b) Decline of certain fish species and harm to marine food chains
- c) More fish babies every year
- d) Rivers drying up

Question 45: A community plants mangrove trees along the coast. Mangroves help by —

- a) Protecting the shoreline from waves and providing habitat.
- b) Making beaches disappear.
- c) Pushing fish away so fishermen leave.
- d) Stopping rain from falling.

Question 46: Which of these actions will reduce your carbon footprint?

- a) Walking, cycling or using public transport more often
- b) Driving alone everywhere always
- c) Wasting electricity and leaving lights on 24/7
- d) Throwing food into the toilet

Question 47: Which practice helps protect wetlands and the animals that live there?

- a) Draining and filling wetlands for buildings
- b) Conserving wetlands and avoiding pollution and construction in them
- c) Dumping garbage into the wetland
- d) Cutting down all plants in wetlands

Question 48: A town recycles glass, plastic and paper, and saves new materials. Recycling helps by —

- a) Conserving raw materials, saving energy and reducing waste.
- b) Making the sky look green.
- c) Turning plastic into sand.
- d) Making all food last forever.

Question 49: Which of the following helps reduce soil erosion on hills?

- a) Planting trees and building terraced fields
- b) Removing plants and exposing soil to rain
- c) Driving heavy trucks all the time on bare slopes
- d) Burning soil once a week

Question 50: Which is an everyday example of using sustainable energy at home?

- a) Using solar panels to charge lights or heat water
- b) Burning coal in the kitchen
- c) Letting tap run while brushing teeth always
- d) Throwing batteries into the garden