

# **Environmental Studies (MVJ22ENV58) - Answer Key**

**Q1.** The term 'Environment' has been derived from the French word which means to encircle or surround.

**Answer:** a) Environ

**Q2.** Which of the following conceptual spheres of the environment is having the least storage capacity for matter?

**Answer:** a) Atmosphere

**Q3.** Biosphere is

**Answer:** b) The thin shell of organic matter on the surface of earth comprising all of the living things

**Q4.** Which of the following is a biotic component of an ecosystem?

**Answer:** a) Fungi

**Q5.** Which of the following statements is false?

**Answer:** c) Energy is recycled in an ecosystem

**Q6.** In complex ecosystems the degree of species diversity is

**Answer:** b) High

**Q7.** Which of the following is a producer in an ecosystem?

**Answer:** b) Plants and some bacteria capable of producing their own food

**Q8.** The largest reservoir of nitrogen in our planet is

**Answer:** b) Atmosphere

**Q9.** Which of the following statement is true?

**Answer:** a) Green plants are self-nourishing

**Q10.** A predator is

**Answer:** b) An animal that feeds upon another animal

**Q11.** Which of the following is not the environmental effect of industrialization, in general?

**Answer:** d) Economic growth

**Q12.** Sustainable development means

**Answer:** d) All the above

**Q13.** Mining means

**Answer:** c) To extract minerals and ores

**Q14.** India has the largest share of which of the following?

**Answer:** b) Mica

**Q15.** Which of the following has been used to seed clouds?

**Answer:** a) Silver iodide

**Q16.** Which one of the following is not a Natural Disaster?

**Answer:** d) Tsunami

**Q17.** 'OTEC' is an energy technology that converts

**Answer:** c) Energy in ocean due to thermal gradient to generate electricity

**Q18.** Which of the following is a disadvantage of most of the renewable energy sources?

**Answer:** c) High waste disposal cost

**Q19.** Biogas is gaseous fuel composed mainly of

**Answer:** b) Methane and hydrogen sulphide

**Q20.** Harnessing the wind energy is done by

**Answer:** a) Wind Mill

**Q21.** Which of the below is not an idea behind waste management?

**Answer:** a) Control of waste generation

**Q22.** Amongst the following options of solid wastes, which one describes the term 'Municipal Solid Waste'?

**Answer:** a) Hazardous

**Q23.** The most serious environmental effect posed by hazardous wastes is

**Answer:** b) Increased use of land for landfills

**Q24.** Which of the following is a non-point source of water pollution?

**Answer:** d) Sewage treatment plant

**Q25.** Eutrophication is

**Answer:** d) All of the options

**Q26.** Which of the following is not the environmental effect of industrialization, in general?

**Answer:** d) Economic growth

**Q27.** The pollution caused by transportation/vehicular activities depends on

**Answer:** d) All of the options

**Q28.** Which of the following is the result of the increased level of air pollution?

**Answer:** d) All of the mentioned above

**Q29.** Which Indian city is known for implementing odd-even vehicle number regulations to control air pollution?

**Answer:** c) New Delhi

**Q30.** Which of the following is not a carbon sink?

**Answer:** b) Paddy crops

**Q31.** Major sources of fluoride is

**Answer:** c) Ground water

**Q32.** Disfigurement in the teeth is caused by excessive amount of

**Answer:** b) Fluoride

**Q33.** What is the pH value of normal rain?

**Answer:** d) 5.6

**Q34.** Most of the high-level supersonic jets cause pollution by the thinning of

**Answer:** a) O<sub>2</sub> layer

**Q35.** Choose the correct statement about the greenhouse effect:

**Answer:** b) Caused by the combination of many gases (CO<sub>2</sub>, CH<sub>4</sub>, CFC, etc.)

**Q36.** What is the maximum allowable concentration of fluorides in drinking water?

**Answer:** b) 1.25 milligram per liter

**Q37.** Which of the following primary pollutant is liable for 1/3rd of acid rain?

**Answer:** a) SO<sub>2</sub>

**Q38.** What is the main aim of the Kyoto protocol?

**Answer:** c) To reduce greenhouse gases

**Q39.** Which layer of the atmosphere is most liable for the greenhouse effect?

**Answer:** a) Stratosphere

**Q40.** Clean unpolluted rainwater is considered to be slightly acidic in nature. This slight acidity is caused by

**Answer:** b) Due to the presence of SO<sub>2</sub> and NO<sub>x</sub> gases

**Q41.** Environmental impact assessment

**Answer:** d) Both (a) & (b)

**Q42.** EIA study will help

**Answer:** b) Maximizing the benefits without overloading the planet's ecosystem

**Q43.** Remote sensing is a

**Answer:** b) Non-contact recording of information

**Q44.** Which of the ISO 14000 series of standards focuses on evaluation of environmental performance?

**Answer:** c) 14031

**Q45.** What are the benefits of environment management system?

**Answer:** d) All of the options

**Q46.** What activity does EMS cover?

**Answer:** d) All of the options

**Q47.** GIS stands for

**Answer:** a) Geographic Information System

**Q48.** EIA is necessary because

**Answer:** c) Environmental impacts of developments are of public interest

**Q49.** What is not the benefit of ISO 14001:2015?

**Answer:** d) Product Design

**Q50.** Environment Protection Act, was enacted in the year:

**Answer:** d) 1986