

QUESTION 2013

Group – A

(Multiple Choice Type Questions)

1. Choose the correct answers for the following:

i) Which one of the following acids is present in normal rain?

- ✓a) Carbonic acid b) Sulphuric acid c) Hydrocarbonic acid d) Nitric acid

ii) Trickling filter is used under

- a) Primary treatment ✓b) Secondary treatment
c) Tertiary treatment d) Advanced treatment

iii) Toxic metal when mixes with water causes

- a) Environmental pollution b) Noise pollution
c) Air pollution ✓d) Water pollution

iv) El-Nino is natural phenomenon that is observed on

- a) Indian Ocean b) Bay of Bengal ✓c) Pacific Ocean d) All of these

v) The atmospheric layer adjacent to earth's surface is

- a) Lithosphere ✓b) Troposphere c) Stratosphere d) Ozonosphere

vi) Oxygen-demanding wastes refer to

- ✓a) Organic matter b) Inorganic matter c) Plastic d) Metals

vii) BOD means

- ✓a) Biological Oxygen Demand ✓b) Biochemical Oxygen Demand
c) Biggest Oxygen Demand d) None of these

viii) Medha Patekar is involved in the

- a) Chipko Movement b) Silent Valley Movement
✓c) Narmada Bachao Movement d) None of these

ix) Minamata disease is related to

- ✓a) Water pollution b) Land pollution c) Air pollution d) None of these

x) According to the ecological food chain man is a/an

- a) decomposer b) producer ✓c) consumer d) none of these

Group – B

(Short Answer Type Questions)

2. Define concept of ecological food chain. What are the different types of food chain?

See Topic: ECOLOGY; Short Answer Type Question No. 1(or).

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3. Give an idea of environmental impact assessment.

See Topic: **FUNDAMENTALS OF ENVIRONMENT**, Long Answer Type Question No. 1(or).

4. Define Ecosystem. What are its components?

See Topic: **ECOLOGY**, Short Answer Type Question No. 2.

5. What are the various methods of disposal of solid wastes?

See Topic: **LAND POLLUTION**, Short Answer Type Question No. 1.

6. Define Bio-diversity. Classify different types of bio-diversity.

See Topic: **ECOLOGY**, Short Answer Type Question No. 6.

Group - C

(Long Answer Type Questions)

7. What are the different sources of water pollution? How do they cause water pollution? What is ground water pollution?

See Topic: **WATER POLLUTION & CONTROL**, Long Answer Type Question No. 5.

8. What are the various causes and effects of Global Warming? What can we do to combat Global Warming?

See Topic: **AIR POLLUTION & CONTROL**, Long Answer Type Question No. 1.

9. How would you classify noise under different categories? What are the permissible levels of noise in residential areas, business areas and sensitive areas? Suggest some measures of noise pollution control.

See Topic: **NOISE POLLUTION**, Long Answer Type Question No. 1(or).

10. What is active sludge? Describe the activated sludge treatment process of sewage with a neat flow diagram.

See Topic: **WATER POLLUTION & CONTROL**, Long Answer Type Question No. 2.

11. Write short notes on any three of the following

a) Ozone layer depletion

b) Trickling filter

c) Biomagnification

d) Adverse effect of heavy metals in natural and waste water

e) Biodiversity

a) See Topic: **AIR POLLUTION & CONTROL**, Long Answer Type Question No. 11(c).

b) See Topic: **WATER POLLUTION & CONTROL**, Long Answer Type Question No. 11(c).

c) See Topic: **ECOLOGY**, Long Answer Type Question No. 7(d).

d) See Topic: **WATER POLLUTION & CONTROL**, Long Answer Type Question No. 11(d).

e) See Topic: **ECOLOGY**, Long Answer Type Question No. 7(c).