

CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT, ODISHA
School of Engineering and Technology Parlakhemundi

Environmental Science Question Bank

Short Questions

1. What is Sustainable Development?
2. Define the terms Inter-generational equity and Intra-generational equity.
3. What do you understand by appropriate technology?
4. What is carrying capacity, supporting capacity and Assimilative capacity?
5. List some measures for water conservation.
6. What do you understand by rain water harvesting?
7. What is Chipko movement?
8. Define the term Environmental ethics.
9. What is meant by Anthropocentric Worldview and Eco-centric Worldview?
10. Write any four examples of green house gases.
11. Mention one advantage and one disadvantage of greenhouse effect.
12. Why life on Venus and Mars is not possible?
13. Write the example of any two compounds used as an alternative to Chlorofluoro carbon and Tetraethyl lead to reduce air pollution.

14. Though their concentrations are high, N₂ and O₂ do not act like green house gases while CO₂ having low concentration, is considered as an important green house gas". Write the reason behind this.
15. How earth's surface is able to maintain its average temperature at 33°C?
16. What do you mean by Acid rain?
17. Write the control measures of Acid rain
18. Write the name of the gas responsible for ozone layer depletion and green house effect.
19. Write the influence of ozone gas in troposphere and stratosphere.
20. Write the example of any two compounds used as an alternative to CFC.
21. What is meant by Nuclear holocaust?

Long Questions

1. What do you mean by sustainable development? Describe the measures to attain sustainability?
2. What is rainwater harvesting? Describe the modern method of rain water harvesting. What are the purposes served by it?
3. What is a watershed? Critically discuss the objectives and practices of watershed management.
4. What are the major causes for displacement of native tribal people? Discuss in the light of some case studies. What are the major issues and problems related to rehabilitation of the displaced tribal's?
5. What are greenhouse gases and greenhouse effect ? Explain the mechanism, effects and control measures of this effect. What are the major implications of enhanced global warming ?
6. What are the major impacts of acid rain and how can we controlled ?
7. What is Wasteland? Discuss the different practices reclamation of Wasteland.
8. Population, consumerism and waste production are interrelated"—Comment.
9. Discuss the salient features of (a) Wildlife (Protection) Act, 1972, (b) Forest (Conservation Act), 1980.
10. How do you define pollution as per Water (Prevention and Control of Pollution) Act, 1974 ? What are the salient features of the Act ?
11. Why do we refer to Environmental Protection Act, 1986 as an Umbrella Act. Discuss the Major Environmental Protection Rules,1986.
12. What are the major limitations to successful implementation of our environmental legislation?
13. What do you mean by
14. (a) Doubling time (b) Total fertility rate (c) Zero population growth (d) Life expectancy
15. What is meant by 'Population Explosion? Discuss the Indian scenario.
16. What is meant by population stabilization? Discuss the family welfare and family planning program in Indian context.