

IMRS (Rep) Sem.-5 Examination
IIS_IMRS 55
Environmental Mgmt.
December-2025

Time : 2.30 Hours]

[Max.Marks : 70

Instructions:

1. *The figures on right hand side indicate marks. From question 1 to 4, each of the sub question given in "OR" option, is of 7 marks.*
2. *In Question No. 5, attempt only 14 questions out of the 16 mentioned.*
3. *Use of calculators is NOT allowed*

- Q1. Worsening air quality from road networks is a serious concern. What kind of measures are being taken to reduce the air pollution linked with roads? [14]
- OR
- i. Define Air Pollution, its sources and consequences of air pollution. [7+7]
 - ii. Why is air pollution considered as a "Transboundary pollution"? How can management of air pollution be done in a practical manner?
- Q2. Explain the availability of freshwater and saline water on Earth. As Earth is also called as "Blue planet", why is water a precious resource? Elaborate on the types of water pollution. Which amongst them is most dangerous for human health? [14]
- OR
- i. Write a note on "Namami Ganga Program". What are the loopholes in the program, and how the loopholes in the program can be addressed. [7+7]
 - ii. For achieving net zero water discharge for a textile industry in Ahmedabad, give a detailed plan along with a neat flow chart/block diagram.
- Q3. Define soil, soil pollution and sources of soil pollution. Explain how air pollution, water pollution and soil pollution are interlinked? [14]
- OR
- i. Write a note on "Bhopal Gas Tragedy". What kind of pollution can be associated with this infamous event? [7+7]
 - ii. Define bioaccumulation and biomagnification and cite examples for each of them.
- Q4. Why do you think Environmental management is not considered an individual responsibility in Indian scenario, despite its inclusion in education system and despite several initiatives of organizations and governments? Provide solutions for the same. [14]
- OR
- i. Give examples of nature-based solutions for three specific current environmental problems. [7+7]
 - ii. Explain Mission LiFE of Government of India.

Q5. Attempt any fourteen out of sixteen questions mentioned below:

[14]

1. Which of the following best defines Environment Management?
 - a) Managing financial resources
 - b) Managing interactions between humans and the environment
 - c) Managing only industrial waste
 - d) Managing natural disasters only
2. Sustainable development focuses on:
 - a) Economic growth only
 - b) Meeting present needs without harming future generations
 - c) Reducing all business activities
 - d) Increasing production at any cost
3. Which is a renewable resource?
 - a) Coal
 - b) Petroleum
 - c) Solar energy
 - d) Natural gas
4. The 3Rs in waste management stand for:
 - a) Reduce, Reuse, Recycle
 - b) Restore, Reform, Rebuild
 - c) Reuse, Repair, Replace
 - d) Reduce, Repair, Recycle
5. Which of the following is an example of air pollution?
 - a) Oil spill in ocean
 - b) Emission from vehicles
 - c) Dumping plastic in landfills
 - d) Groundwater depletion
6. Environmental Impact Assessment (EIA) is conducted to:
 - a) Increase profit margins
 - b) Evaluate the social and environmental impact of a project
 - c) Reduce project costs
 - d) Hire employees
7. Which gas is mainly responsible for global warming?
 - a) Oxygen
 - b) Carbon dioxide
 - c) Nitrogen
 - d) Helium
8. Which organisation introduced the concept of Sustainable Development?
 - a) World Bank
 - b) United Nations
 - c) UNESCO
 - d) World Trade Organization
9. Ozone layer protects the Earth from:
 - a) Radio waves
 - b) Ultra-violet (UV) rays
 - c) Infrared radiation
 - d) Visible light

10. Which is an example of non-renewable resource?
 - a) Wind
 - b) Biomass
 - c) Coal
 - d) Tidal energy
11. Corporate Social Responsibility (CSR) is mainly related to:
 - a) Marketing research
 - b) Social and environmental obligations of companies
 - c) Increasing employee salary
 - d) Improving industrial technology
12. Which of the following is a cause of water pollution?
 - a) Planting more trees
 - b) Industrial effluents
 - c) Using solar energy
 - d) Recycling waste
13. Green marketing refers to:
 - a) Marketing eco-friendly products
 - b) Selling agricultural goods
 - c) Online marketing
 - d) Marketing only in rural areas
14. Biodiversity means:
 - a) Variety of species in an ecosystem
 - b) Number of buildings in a city
 - c) Population growth
 - d) Economic development
15. Which of the following is a major effect of deforestation?
 - a) Increase in rainfall
 - b) Soil erosion
 - c) Lower temperature
 - d) More wildlife
16. ISO 14001 certification relates to:
 - a) Quality management
 - b) Environmental management systems
 - c) Financial reporting
 - d) Employee safety standards

