

## CHAPTER – 20

### Environmental Issues

1. What is the primary cause of global warming?

- a) Deforestation
- b) Greenhouse gas emissions
- c) Ocean currents
- d) Solar radiation

2. Which of the following is a renewable energy source?

- a) Coal
- b) Natural gas
- c) Solar power
- d) Nuclear energy

3. Which environmental issue is primarily caused by the accumulation of plastics in the ocean?

- a) Eutrophication
- b) Ocean acidification

Marine pollution

- d) Climate change

4. What term describes the gradual increase in the Earth's average temperature due to human activities?

- a) Global warming
- b) Ozone depletion
- c) Acid rain
- d) Greenhouse effect

5. Which of the following is a major consequence of deforestation?

- a) Increased biodiversity
- b) Higher oxygen levels
- c) Loss of habitat

d) Decreased carbon dioxide levels

6. What is the main source of acid rain?

a) Carbon monoxide

b) Sulfur dioxide

c) Methane

d) Nitrogen dioxide

7. Which of the following practices can help reduce soil erosion?

a) Strip mining

b) Clear-cutting

c) Contour plowing

d) Urbanization

8. Which type of pollution is primarily caused by vehicle emissions?

a) Air pollution

b) Water pollution

c) Soil pollution

d) Noise pollution

9. What term refers to the depletion of the ozone layer due to human activities?

a) Ozone depletion

b) Global warming

c) Acid rain

d) Greenhouse effect

10. Which gas is most responsible for the greenhouse effect?

a) Oxygen

b) Nitrogen

c) Carbon dioxide

d) Argon

11. What is the primary environmental concern associated with fracking?

- a) Air pollution
- b) Groundwater contamination
- c) Soil erosion
- d) Habitat destruction

12. Which international agreement aims to combat climate change by reducing greenhouse gas emissions?

- a) Kyoto Protocol
- b) Montreal Protocol
- c) Paris Agreement
- d) Geneva Convention

13. Which of the following is a major source of water pollution?

- a) Industrial waste
- b) Air emissions
- c) Solid waste
- d) Radioactive waste

14. What is the main goal of recycling programs?

- a) Reduce waste
- b) Increase energy consumption
- c) Promote deforestation
- d) Enhance soil erosion

15. Which of the following is a significant threat to biodiversity?

- a) Overfishing
- b) Sustainable farming
- c) Conservation efforts
- d) Reforestation

16. Which term refers to the gradual process of landdegradation and desertification?
- a) Desertification
  - b) Erosion
  - c) Salinization
  - d) Urban sprawl
17. What is the primary effect of eutrophication on aquatic ecosystems?
- a) Increased oxygen levels
  - b) Decreased water temperature
  - c) Dead zones with low oxygen
  - d) Improved water quality
18. Which of the following is an example of a non-renewable resource?
- a) Wind energy
  - b) Solar energy
  - c) Fossil fuels
  - d) Geothermal energy
19. What is the main source of greenhouse gases?
- a) Natural processes
  - b) Human activities
  - c) Ocean currents
  - d) Volcanic eruptions
20. Which environmental issue is associated with the destruction of the Arctic ice caps?
- a) Sea level rise
  - b) Deforestation
  - c) Soil erosion
  - d) Ocean acidification
21. What is the primary cause of marine dead zones?

- a) Overfishing
- b) Nutrient runoff
- c) Oil spills
- d) Plastic pollution

22. Which of the following is a major contributor to noise pollution?

- a) Traffic
- b) Industrial machinery
- c) Construction activities
- d) All of the above

23. What environmental issue is caused by the accumulation of carbon dioxide in the atmosphere?

- a) Greenhouse effect
- b) Ozone depletion
- c) Soil degradation
- d) Water scarcity

24. Which of the following practices helps reduce air pollution?

- a) Planting trees
- b) Using fossil fuels
- c) Industrial emissions
- d) Deforestation

25. Which term refers to the conversion of natural habitats into urban or agricultural areas?

- a) Habitat fragmentation
- b) Urbanization
- c) Conservation
- d) Afforestation

26. What is the main environmental benefit of wetlands?

- a) Flood control

- b) Urban development
- c) Soil erosion
- d) Deforestation

27. Which of the following is an example of sustainable agriculture?

- a) Monoculture farming
- b) Organic farming
- c) Intensive pesticide use
- d) Clear-cutting

28. What is the main source of light pollution?

- a) Streetlights
- b) Solar panels
- c) Wind turbines
- d) Conservation areas

29. Which of the following is a major environmental issue associated with mining?

- a) Habitat destruction
- b) Air quality improvement
- c) Soil enrichment
- d) Water purification

30. What is the primary environmental concern with using single-use plastics?

- a) Marine pollution
- b) Air pollution
- c) Soil erosion
- d) Water scarcity

31. Which of the following practices can help mitigate climate change?

- a) Reducing carbon footprint
- b) Increasing deforestation

- c) Using non-renewable resources
- d) Expanding industrial activities

32. Which of the following is a major consequence of soil salinization?

- a) Reduced agricultural productivity
- b) Increased soil fertility
- c) Improved water quality
- d) Enhanced crop yield

33. What is the primary goal of environmental impact assessments (EIAs)?

- a) To evaluate the potential effects of projects on the environment
- b) To promote industrial development
- c) To increase pollution levels
- d) To facilitate habitat destruction

34. Which term refers to the reduction in the ability of ecosystems to support life due to human activities?

- a) Environmental degradation
- b) Ecosystem resilience
- c) Natural restoration
- d) Biodiversity enhancement

35. What is the primary source of indoor air pollution?

- a) Household chemicals
- b) Solar panels
- c) Wind turbines
- d) Urban green spaces

36. Which of the following is a consequence of overfishing?

- a) Decline in fish populations
- b) Increased biodiversity

- c) Enhanced aquatic ecosystems
- d) Improved water quality

37. What is the main effect of climate change on weather patterns?

- a) Increased frequency of extreme weather events
- b) Stabilized temperatures
- c) Reduced rainfall
- d) Decreased storm intensity

38. Which of the following is an example of a sustainable practice in forestry?

- a) Selective logging
- b) Clear-cutting
- c) Illegal logging
- d) Deforestation

39. What is the primary cause of smog in urban areas?

- a) Vehicle emissions
- b) Industrial waste
- c) Agricultural activities
- d) Deforestation

40. Which of the following is a method to conserve water resources?

- a) Rainwater harvesting
- b) Excessive irrigation
- c) Polluted runoff
- d) Industrial discharge

41. What is the primary cause of the "urban heat island" effect?

- a) Increased impervious surfaces
- b) Increased vegetation
- c) Reduced energy consumption
- d) Improved air quality



42. Which of the following is an effect of overconsumption of natural resources?
- a) Resource depletion
  - b) Ecosystem stability
  - c) Biodiversity enhancement
  - d) Pollution reduction
43. What is the main environmental concern associated with industrial agriculture?
- a) Soil degradation
  - b) Improved crop yield
  - c) Enhanced soil fertility
  - d) Increased biodiversity
44. Which practice can help mitigate the impact of land development on local wildlife?
- a) Creating wildlife corridors
  - b) Expanding urban areas
  - c) Increasing pesticide use
  - d) Removing native vegetation
45. Which of the following is a major source of methane emissions?
- a) Livestock farming
  - b) Solar energy
  - c) Wind turbines
  - d) Nuclear power
46. What is the main cause of coral bleaching?
- a) Ocean warming
  - b) Increased sedimentation
  - c) Overfishing
  - d) Pollution
47. Which term describes the introduction of harmful substances into the environment?

- a) Pollution
- b) Conservation
- c) Restoration
- d) Recycling

48. Which of the following is a method to reduce the environmental impact of transportation?

- a) Using public transit
- b) Increasing vehicle emissions
- c) Expanding road networks
- d) Encouraging single-occupancy vehicles

49. What is the primary environmental impact of industrial waste?

- a) Pollution of air, water, and soil
- b) Increased agricultural productivity
- c) Improved waste management
- d) Enhanced ecosystem health

50. Which of the following is a strategy for reducing carbon emissions?

- a) Energy efficiency improvements
- b) Expanding fossil fuel use
- c) Increasing deforestation
- d) Promoting waste generation

**Answer Key for Chapter 20 (Environmental Issues)**

1	2	3	4	5
B	C	C	A	C
6	7	8	9	10
B	C	A	A	C
11	12	13	14	15
B	C	A	A	A
16	17	18	19	20
A	C	C	B	A
21	22	23	24	25
B	D	A	A	B
26	27	28	29	30
A	B			
31	32	33	34	35
36	37	38	39	40
41	42	43	44	45
46	47	48	49	50