

## Chapter - 16

### Sustainable Management of Natural -Resources

1. Which of the following is an example of a non-renewable natural resource?

- a) Solar energy
- b) Wind energy
- c) Natural gas
- d) Biomass

Answer: c) Natural gas

2. What is the term used to describe the practice of using resources in a way that meets the needs of the present without compromising the ability of future generations to meet their own needs?

- a) Conservation
- b) Preservation
- c) Sustainability
- d) Exploitation

Answer: c) Sustainability

3. Which of the following is a method of water conservation?

- a) Deforestation
- b) Overuse and wastage
- c) Rainwater harvesting
- d) Eutrophication

Answer: c) Rainwater harvesting

4. What is the term used to describe the process of recycling organic waste into nutrient-rich soil?

- a) Composting
- b) Incineration
- c) Landfilling
- d) Desalination

Answer: a) Composting

5. Which of the following is an example of a renewable natural resource?

- a) Fossil fuels
- b) Minerals
- c) Groundwater
- d) Ores

Answer: c) Groundwater

6. What is the term used to describe the variety of species in a given area?

- a) Biodiversity
- b) Ecosystem
- c) Habitat
- d) Population

Answer: a) Biodiversity

7. Which of the following is a consequence of overuse and wastage of natural resources?

- a) Enhanced resource availability
- b) Increased sustainability
- c) Resource depletion

d) Restoration of natural habitats

Answer: c) Resource depletion

8. What is the term used to describe the method of extracting minerals from the Earth's crust?

a) Deforestation

b) Overfishing

c) Mining

d) Agriculture

Answer: c) Mining

9. Which of the following is a method of forest conservation?

a) Desertification

b) Deforestation

c) Afforestation

d) Eutrophication

Answer: c) Afforestation

10. What is the term used to describe the process of converting waste materials into reusable materials?

a) Recycling

b) Incineration

c) Landfilling

d) Desalination

Answer: a) Recycling

11. Which of the following is a consequence of deforestation?

- a) Enhanced biodiversity
- b) Soil erosion
- c) Restoration of natural habitats
- d) Increased water availability

Answer: b) Soil erosion

12. What is the term used to describe the process of converting waste materials into energy through controlled burning?

- a) Recycling
- b) Incineration
- c) Composting
- d) Landfilling

Answer: b) Incineration

13. Which of the following is an example of a renewable resource?

- a) Natural gas
- b) Coal
- c) Solar energy
- d) Petroleum

Answer: c) Solar energy

14. What is the term used to describe the process of converting saltwater into freshwater?

- a) Desalination
- b) Rainwater harvesting
- c) Eutrophication
- d) Deforestation

Answer: a) Desalination

15. Which of the following is a method of sustainable agriculture?

- a) Overuse of chemical fertilizers
- b) Excessive water irrigation
- c) Crop rotation
- d) Monoculture farming

Answer: c) Crop rotation

16. What is the term used to describe the process of restoring degraded ecosystems to their original state?

- a) Conservation
- b) Preservation
- c) Restoration
- d) Exploitation

Answer: c) Restoration

17. Which of the following is a consequence of overexploitation of natural resources?

- a) Enhanced resource availability
- b) Increased sustainability
- c) Extinction of species
- d) Restoration of natural habitats

Answer: c) Extinction of species

18. What is the term used to describe the practice of conserving forests and planting new trees?

- a) Afforestation
- b) Deforestation
- c) Desertification
- d) Eutrophication

Answer: a) Afforestation

19. Which of the following is an example of a non-renewable resource?

- a) Wind energy
- b) Geothermal energy
- c) Uranium
- d) Tidal energy

Answer: c) Uranium

20. What is the term used to describe the process of using resources in a way that minimizes waste and environmental impact?

- a) Conservation
- b) Preservation
- c) Sustainable development
- d) Exploitation

Answer: c) Sustainable development

21. What is the term used to describe the practice of using resources in a way that maintains ecological balance and conserves biodiversity?

- a) Preservation
- b) Exploitation
- c) Overutilization
- d) Sustainable use

Answer: d) Sustainable use

22. Which of the following is a method of wildlife conservation?

- a) Habitat destruction
- b) Overhunting
- c) Wildlife sanctuaries
- d) Pollution

Answer: c) Wildlife sanctuaries

23. What is the term used to describe the process of purifying water to make it suitable for human consumption?

- a) Desalination
- b) Rainwater harvesting
- c) Eutrophication
- d) Water treatment

Answer: d) Water treatment

24. Which of the following is a consequence of excessive use of chemical pesticides in agriculture?

- a) Enhanced crop yield
- b) Soil erosion
- c) Increased biodiversity
- d) Water pollution

Answer: d) Water pollution

25. What is the term used to describe the practice of using resources beyond their sustainable limits?

- a) Overconsumption
- b) Conservation
- c) Recycling
- d) Biomagnification

Answer: a) Overconsumption

26. Which of the following is a renewable natural resource?

- a) Minerals
- b) Fossil fuels
- c) Air
- d) Ores

Answer: c) Air

27. What is the term used to describe the process of reusing materials to create new products?

- a) Recycling
- b) Incineration
- c) Landfilling
- d) Desalination

Answer: a) Recycling

28. Which of the following is a method of soil conservation?

- a) Overgrazing
- b) Deforestation
- c) Contour plowing
- d) Eutrophication



Answer: c) Contour plowing

29. What is the term used to describe the gradual increase in the concentration of nutrients in water bodies, leading to excessive plant growth?

- a) Desertification
- b) Acidification
- c) Eutrophication
- d) Pollution

Answer: c) Eutrophication

30. Which of the following is an example of a non-renewable natural resource?

- a) Wind energy
- b) Geothermal energy
- c) Fossil fuels
- d) Biomass

Answer: c) Fossil fuels

31. Which of the following is a method of conserving energy?

- a) Using energy-efficient appliances
- b) Wasting energy
- c) Overusing resources
- d) Ignoring energy consumption

Answer: a) Using energy-efficient appliances

32. What is the term used to describe the process of using waste materials as a source of energy?

- a) Recycling

- b) Incineration
- c) Composting
- d) Landfilling

Answer: b) Incineration

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

- a) Nuclear energy
- b) Natural gas
- c) Biomass
- d) Coal

Answer: c) Biomass

34. What is the term used to describe the process of converting sunlight into electricity?

- a) Solarization
- b) Solarization
- c) Solarization
- d) Solarization

Answer: d) Solarization

35. Which of the following is a method of conserving water?

- a) Overusing water
- b) Wasting water
- c) Rainwater harvesting
- d) Eutrophication

Answer: c) Rainwater harvesting

36. What is the term used to describe the process of using decomposed organic matter as a fertilizer?

- a) Composting
- b) Incineration
- c) Desalination
- d) Deforestation

Answer: a) Composting

37. Which of the following is an example of a non-renewable natural resource?

- a) Wind energy
- b) Solar energy
- c) Natural gas
- d) Tidal energy

Answer: c) Natural gas

38. What is the term used to describe the practice of planting trees in an area that has been deforested?

- a) Desertification
- b) Afforestation
- c) Eutrophication
- d) Overgrazing

Answer: b) Afforestation

39. Which of the following is a consequence of pollution?

- a) Enhanced biodiversity

- b) Clean environment
- c) Health hazards
- d) Restoration of natural habitats

Answer: c) Health hazards

40. What is the term used to describe the process of using natural resources in a way that minimizes waste and environmental impact?

- a) Conservation
- b) Preservation
- c) Sustainable development
- d) Exploitation

Answer: c) Sustainable development

41. What is the term used to describe the process of reusing wastewater for various purposes such as irrigation?

- a) Desalination
- b) Rainwater harvesting
- c) Water treatment
- d) Water recycling

Answer: d) Water recycling

42. Which of the following is a method of soil conservation?

- a) Overgrazing
- b) Deforestation
- c) Terrace farming
- d) Eutrophication

Answer: c) Terrace farming

43. What is the term used to describe the process of protecting and preserving natural resources and the environment?

- a) Conservation
- b) Exploitation
- c) Overutilization
- d) Pollution

Answer: a) Conservation

44. Which of the following is an example of a non-conventional source of energy?

- a) Coal
- b) Natural gas
- c) Solar energy
- d) Petroleum

Answer: c) Solar energy

45. What is the term used to describe the practice of growing different crops in the same field in a sequential manner?

- a) Monoculture
- b) Intercropping
- c) Crop rotation
- d) Contour plowing

Answer: c) Crop rotation

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

- a) Increased fish population

- b) Enhanced biodiversity
- c) Imbalance in the marine ecosystem
- d) Restoration of natural habitats

Answer: c) Imbalance in the marine ecosystem

47. What is the term used to describe the practice of using resources without depleting them for future generations?

- a) Renewable utilization
- b) Sustainable management
- c) Non-renewable exploitation
- d) Irresponsible consumption

Answer: b) Sustainable management

48. Which of the following is a renewable resource derived from plants and animal waste?

- a) Wind energy
- b) Geothermal energy
- c) Biomass
- d) Nuclear energy

Answer: c) Biomass

49. What is the term used to describe the process of using waste materials to create new products?

- a) Recycling
- b) Incineration
- c) Landfilling
- d) Desalination

Answer: a) Recycling

50. Which of the following is an example of sustainable mining practices?

- a) Open-pit mining
- b) Indiscriminate use of explosives
- c) Reclamation of mined areas
- d) Pollution of water bodies

Answer: c) Reclamation of mined areas