

## **EVS-SHORT QUESTIONS**

### **I. Five mark questions**

1. Describe the scope of environmental studies
2. How will you create awareness among people natural resources
3. Discuss the need for public awareness about environment
4. Explain renewable energy resources and state their importance
5. What are renewable and non-renewable resources? Explain with suitable examples.
6. Write a short note on forest resources
7. What is deforestation? Analyse its cause and consequences.
8. Explain about forest resources
9. Write a short notes on food resources
10. Differentiate between Biotic and Abiotic factors
11. Discuss the food problems in India and how to find out its solutions
12. How does soil erosion occur? State your remedy for the same
13. Explain the role of an individual in the conservation of Natural resources
14. Differentiate between Ecology and Ecosystem
15. Define ecosystem. Explain the concept of ecosystem
16. Write the characteristic feature and functions of the desert Ecosystem
17. Describe the trophic structure, food chain and food web in an ecosystem.
18. Write a short note on ecological pyramid
19. Explain the values of biodiversity
20. Write about the factors which are involved in threatening of Biodiversity
21. Write a short notes on Ozone layer
22. How does energy flow occur in an ecosystem? Explain it with a example
23. What is food chain? State its importance.
24. Differentiate between genetic and species diversity
25. Explain the various types of pollutants.
26. How will you control the mosquito menace
27. Explain how to control environmental noise pollution
28. Write a short notes on nuclear hazards
29. Write an short notes on Nitrogen cycle
30. Describe about human rights
31. Give an account of disaster management
32. Write a short notes on Rain Water Harvesting
33. Enlist any five wild life regulation acts of India
34. Write a short notes on Floods
35. Discuss the role of NGO's to protect the environment
36. Write a short notes on multidisciplinary nature of environmental studies
37. Describe the various factors of environment

38. Explain the uses of forests
39. Write a short notes on mineral resources
40. Write the changes caused by Agriculture and overgrazing on food resources
41. Briefly explain the methods of Biogas production with a suitable diagram
42. Design the Charles Elton ecological pyramid with an any ecosystem
43. Write a short notes on the following
  - a) Ecological Succession
  - b) Ecological Regulation
44. Discuss the effects of air pollution on Human health and vegetation
45. State the role of individual in prevention of pollution
46. Apply the strategies for sustainable development
47. Outline the modern techniques of rain water harvesting
48. Compare the Resettlement and Rehabilitation Issues
49. Apply the guidelines for Environmental Ethics
50. Write a short notes on Green House Gases
51. What are the major effects of global warming?
52. Explain a nuclear accident with a case study
53. Explain the different methods to propagate environmental awareness
54. Describe the role of NGO's on environmental protection and conservation
55. Differentiate between ' population explosion' and 'population clock'
56. Articulate the Bhopal Tragedy
57. Describe the effects of Radiation on environment
58. Write a short notes on effects of pesticides on animals and man
59. Apply the methods to treat sewage and waste water
60. Describe the classification of wastes
61. Describe about Intergovernmental Panel on Climate Change(IPCC)
62. Describe the role of Nanotechnology on saving Ozone layer
63. Differentiate between Nuclear Accidents and Nuclear Bombs with a case study
64. Criticize the drawback of Pollution related Acts
65. Describe the growth of population in the world
66. Mention some important bio-reserve, national park and sanctuaries of our country
67. Write short notes on Endangered species of India
68. Briefly explain the hot spot regions
69. What are the different threats faced by our bio-diversity resource?
70. Differentiate between pollution and pollutant
71. Mention few reasons for air pollution
72. How you can prevent water pollution
73. How our health is affected by water pollution
74. Waste is wealth-How?
75. How individual can play for pollution control programme

76. Write a short notes on Human rights
77. Explain various reasons for population explosion and the population growth can be controlled?
78. Write short notes on Women and child welfare
79. Write a short notes on Value education
80. Write a short account on noise pollution and preventive measures.

## II. Ten mark questions

1. Why public awareness is needed for environmental protection
2. Discuss the issues involved in enforcement of environmental legislations.
3. What is eutrophication? Explain its causes and consequences in detail
4. Explain briefly about global warming. Add a note on its control measures.
5. What do you mean by deforestation? What are the problems caused by deforestation and how to control it
6. Write an essay on grassland ecosystem
7. Explain the various components of ecosystem
8. With neat diagram explain the characteristic features and function of the following ecosystem
  - i) Forest ecosystem
  - ii) Grass land ecosystem
  - iii) Aquatic ecosystem
9. Briefly describe the structure and functions of pond as an ecosystem
10. Critically examine the causes, effects and control measures of water pollution?
11. What is sustainable development? Briefly describe the concept and important pillars of sustainable developments.
12. What is biodiversity? What are methods will you use to conserve the biodiversity.
13. List out various biosphere reserves in India. Explain its functions on biodiversity
14. Analyse in detail on climate change and its implications
15. Discuss the various legal provisions of environmental protection
16. Write an essay on HIV/AIDS, its prevention, control measures and awareness
17. Examine the role of information technology in environment and health
18. India is one of the mega-biodiversity nations. Why and explain briefly.
19. What do you mean by hot spots of biodiversity? Write about the salient features of hot spots in India
20. Write an essay on solid waste management
21. What is climate change? What are the reasons for climate change and global warming?
22. India is mega biodiversity nation” Justify this statement
23. Explain the causes, effects and control measures of air pollution
24. Write about the role of information technology in environment and human health.
25. Discuss the importance of family welfare programme
26. What air pollution? List out various sources and remedial measures of air pollution
27. Explain the following:
  - a) Acid rain
  - b) Wild life protection act
28. Write an essay on renewable resources
29. Write an essay on non-renewable sources
30. Discuss the different methods of conservation of water

31. List out the various factors which are involved in loss of Biodiversity
32. Explain the following conservative methods:
  - a) In-situ conservation
  - b) Ex-situ conservation
33. Explain the following:
  - a) Cyclones
  - b) B) Floods
  - c) Earth quakes
  - d) Tsunami
34. What are the measures will you follow to check the global warming?
35. How is ozone depletion formed? State the effect and control measures of ozone depletion
36. Describe the salient features of the following environmental legislation
  - a) Wildlife (Protection) Act
  - b) Forest (Conservation) Act
  - c) Environment (Protection) Act
  - d) Water(Prevention and Control of Pollution) Act
  - e) Air (Prevention and Control of Pollution) Act
37. What is family planning? State the different methods of family planning
38. Describe the effects of environment on the health of human beings
39. Give an account of Women welfare in India
40. Describe the child welfare in India
41. Describe the classification of wastes. Explain the effect and disposal of solid wastes
42. Elaborate the functions of ecosystem
43. Explain overgrazing and its effect on environmental degradation
44. Discuss the merits and demerits of solar energy and wind energy
45. Explain the environmental impact of mining. Write the remedial measures to protect the environment against mining operations
46. Discuss the food problems of the world and find out its solutions
47. Discuss the problems caused by sharing of water between various states in India and apply the solution for solving them
48. Compare the advantages and disadvantages of dams. How are small dams more useful than the big ones?
49. Discuss the equitable distribution of natural resources and wealth between rich and the poor countries will lead to sustainable life- styles.
50. State the salient features of ocean ecosystem
51. Compare the primary production with secondary production in an ecosystem with a suitable example
52. What is soil pollution? Explain the sources and control measures of soil pollution
53. What are best ways will you follow for plastic free life

54. Explain the need for Reduction, Reuse and Recycling of wastes (3R'S) with reference to the management of solid wastes.
55. Write a detailed account on disaster management
56. Describe the effect and disposal of solid wastes
57. Write about the different methods for controlling water pollution
58. Discuss the effects of global warming. Write about your role to reduce the global warming
59. Elaborate the measures to check the global warming
60. Explain how the timber extraction, mining and dam construction activities affect the forest and tribal people?
61. What you can do for conserving natural resources
62. India as a mega diversity nation-Explain
63. Write an essay on energy resources.
64. What is biodiversity? How will you conserve the biodiversity?
65. Critically examine the cause, effects and control measures of water pollution
66. Write short account on
  - i) Ganga river pollution
  - ii) Cauvery river pollution
  - iii) Pulicat lake pollution
  - iv) Bhopal Gas Tragedy
67. Write an essay on solid waste management
68. Write the mitigation of the following natural hazards
  - i) Earthquake
  - ii) Cyclone
  - iii) Flood
  - iv) Land slide
69. Write an essay – How population explosion affects the environmental quality?
70. Write an essay on “Role of Information Technology in Environment”.

### TEN MARK QUESTIONS

1. Write an essay on energy resources.
2. What is biodiversity? How will you conserve the biodiversity?
3. Critically examine the cause, effects and control measures of water pollution