1. ~~Describe the major component or sphere of environment with diagram?~~  6
2. ~~Describe the interior of earth? 8~~
3. ~~Define environment? 2~~
4. ~~Define environmental sciences? 2~~
5. ~~Describe the structure of atmosphere with diagram? 5~~
6. What is biogeochemical cycle?
7. What is nitrogen, carbon, phosphorus, sulfur, hydrolytic cycle? Describe with chemical reaction.
8. Write down about the environmental indicators?
9. Make a list of greenhouse gases?
10. Write down the composition of earth crust?
11. What is soil and environmental quality?
12. What is the importance of environmental science?
13. Define environmental issues? Describe any three of them ? 3
14. What is mutualism?
15. Delineate, I=PAT ?
16. Define technology, give advantage and disadvantage of technology? 5
17. How cloud are form in environment? 4
18. What is automation? 1
19. How soil is an environmental component?
20. Define soil erosion and how soil erosion affects soil fertility?
21. Define waste? 2
22. Write the characteristics of industrial waste, hospital waste and radioactive waste?6
23. Discuss the environmental aspects of solid waste management related to public health?7
24. What is climate change? 2
25. What is global warming? What are the reasons of global warming? 5
26. How Bangladesh will be affected due to global warming-explain? 6
27. Differentiate between endogenic and exogenic cycles of earth? 2
28. What is eutrophication?
29. What is environmental degradation? Cause and effects of environmental

degradation. 2

1. Human population is an environmental problem-explain? 5
2. Write down the strategies of environmental conservation? Importance of wildlife

conservation? 8

1. What is water quality? How do the soil and water get contaminated? 5
2. Water molecule is a di-polar molecule? 4
3. Write down the bacteriological standards of drinking water.
4. Describe the Importance of biogeochemical cycle? 2
5. What is pest? What are the measures you can take to control pest in your

agricultural land? 6

1. Illustrate the ecosystem in a forest environment? 7
2. Describe the factors affecting bio diversity? 5
3. Define niche, food chain and food web? 3
4. Describe the effect of air pollution? How do we can control that pollution? 6
5. Define waste water. What are the steps followed in a water treatment plant with schematic diagram? 9
6. Define green chemistry? Give the principles of green chemistry? 5
7. What is resource? Differentiate it. 5
8. Give a description on acidity and alkalinity in water? 5
9. Define ecosystem. Illustrate the pond water ecosystem? 6
10. What are the interrelationship we can see in an ecosystem? 5
11. State the laws of thermodynamics? 4
12. Describe the factors affecting growth of population? 6
13. Give a brief description of natural resources and reserves in Bangladesh? 9
14. Explain IPM? 2
15. Composition of sea water? 3
16. What is chelation? 3
17. Properties of water? 3
18. What is hydrogen bond in water? 3
19. Write down the sustainable management practices of soil management? 7
20. Differentiate the suitability of water for irrigation depending on different

constituents? 5

1. What is corioli’s effect? 3
2. What is albedo? 3
3. What is robotics? 3
4. Influence of human activities on biogeochemical cycle? 3
5. What is precipitation? What are the types of precipitation we observe in our

environment? 3

1. Give the chemical composition of atmosphere? 2
2. What is AQI? Discuss it? 4
3. What is natural selection? 3
4. What is restoration ecology? 3
5. What is solid waste management? 3