

Anekant Education Society's
TuljaramChaturchand College, Baramati
Department of Environmental Science
Question Bank
Paper 1 : Fundamentals of Environmental Science [EVE1101]

• **1 Mark Questions :**

1. Give definition of Environmental Science.
2. Write definition of Ecology.
3. Write definition of Population Ecology.
4. What is mean by Landscape Ecology ?
5. What is Community Ecology ?
6. What is behavioral Ecology ?
7. Give definition of Biosphere.
8. What is name of component of biosphere ?
9. Write types of biosphere ?
10. What is mean by Atmosphere ?
11. Define hydrosphere.
12. Write Components of lithosphere.
13. Write Components of atmosphere.
14. Write definition of lithosphere.
15. What is soil profile.
16. Write definition of hydrosphere.
17. What is mean by surface tension ?
18. Write definition of Buoyancy.
19. What is mean by water salinity ?
20. Enlist agents of soil erosion.
21. What is deforestation?
22. What is Solvency?

• **2 Marks Questions :**

1. Write composition of air in atmosphere.
2. Which are the agents of soil erosion ?
3. Write name of types of erosion?
4. What is mean by solubility of gases?
5. Write chemical properties of soil.
6. Write physical properties of soil.
7. What is sheet erosion ?
8. What is rill erosion?
9. What is mean by gully erosion?
10. What is mean by slip erosion(land slide)?
11. What is mean by wind erosion?
12. What is soil conservation?

• **4 Marks Questions:**

1. Write principles of Environmental Science.
2. Write interrelationship of Ecology with other disciplines .
3. Explain the term population ecology.
4. Comment on community ecology.
5. Explain the term behavioral ecology.
6. Write a note on scope of environmental science.

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7. Give components of Biosphere.
8. Draw the neat and well labelled diagram of cross section of earth showing different layers.
9. Explain the components of Biosphere.
10. Write definition of Biosphere and explain its types.
11. Define atmosphere.
12. Sketch and label structure of Atmosphere.
13. Explain the term Troposphere.
14. Explain the term Stratosphere.
15. Explain the term Mesosphere.
16. Explain the term Ionosphere.
17. Explain the term Exosphere.
18. Explain the term Lithosphere.
19. Write a note on process of soil formation.
20. Write note on types of rocks.
21. Draw neat and labelled diagram of soil profile.
22. Write note on soil fauna and flora.
23. Write physical properties of soil.
24. Explain the term Hydrosphere.

● **6 Marks Questions :**

1. What is mean by Ecology and explain its types.
2. Explain the term Biosphere and also explain its components.
3. Explain the term Atmosphere and composition of air.
4. Describe Physico-chemical structure of atmosphere (any two)
 - i. Troposphere
 - ii. Stratosphere
 - iii. Mesosphere
 - iv. Ionosphere
 - v. Exosphere
5. Comment on physical properties of soil.
6. Explain chemical properties if soil.
7. Describe agents of soil erosion.
8. Give types of soil erosion.
9. Write methods of soil conservation studied by you.
10. Write definition of hydrosphere and explain physical properties of water.
11. Explain chemical properties of water.
12. Describe hydrological cycle?

● **12 Mark Questions-**

1. What is mean by environmental science? Add a brief note on its biotic and abiotic factors.
2. What is ecology and Explain the levels of organization in ecology.
3. Explain the terms atmosphere, composition of air, and physico-chemical structure of atmosphere.
4. Explain the soil profile and physical properties of soil and chemical properties of soil.