

MED-001 Assignment

Full Marks - 100

Attempt All questions. Each question carries equal marks

1. Describe the process of formation of soil. Write a note on El-Nino. [7+3=10]
2. Discuss the physical characteristics of standing water bodies. [10]
3. a) Give an account of the different mass extinctions that occurred in geological time scale.
b) Discuss the vegetation and animal life observed in Savannas. [5+5=10]
4. Give a broad overview of the adaptations of organisms in estuarine systems. [10]
5. What do you mean by ecological pyramids? Discuss their different types with examples.
How is an ecosystem self-regulated? [2+5+3=10]
6. Describe the operation of phosphorus cycle with proper illustrations. Discuss the different patterns of distribution of a population. [5+5=10]
7. Explain the different types of inter-specific interactions in a population with proper examples. [10]
8. Write a broad overview on the evolution of *Homo sapiens*. How did the agriculture-based urban societies emerge? [6+4=10]
9. Elucidate the various causes of environmental degradation. [10]
10. What are the different types of water pollutants? Discuss the different parameters for estimating water quality. [5+5=10]