

Assignment 1

Course Name: Environmental Studies

Unit: 1&2

| Sr. No | Question | CO | BL |
|--------|---|----|----|
| 1. | Explain the multidisciplinary nature of Environmental Studies. How do different scientific disciplines contribute to a comprehensive understanding of environmental issues? | 1 | 2 |
| 2. | Discuss the scope and importance of Environmental Science. How does this field contribute to addressing global environmental challenges? | 1 | 3 |
| 3. | Describe the major stages in the evolution of the universe, from the Big Bang to the present. How do these stages contribute to the formation of elements and celestial bodies? | 1 | 3 |
| 4. | Describe the key features of Earth's primitive environment and explain how these conditions contributed to the origin of life. | 1 | 2 |
| 5. | Classify the eight planets of the Solar System into terrestrial planets and gas giants. Discuss the key characteristics of each category. | 1 | 2 |
| 6. | Explain the different branches of ecology and discuss their significance in understanding ecological interactions. | 2 | 2 |
| 7. | Discuss the scope of ecology and its relationship to other sciences. How do fields like biology, geography, chemistry, and economics contribute to ecological studies? | 2 | 2 |
| 8. | Compare and contrast natural and artificial ecosystems. Highlight their key differences in terms of formation, sustainability, biodiversity, and energy flow. | 2 | 2 |
| 9. | What are the key characteristics that define a habitat, and how do these features contribute to the survival of organisms living there? | 2 | 2 |
| 10. | Explain the Importance of Significance of Ecological Adaptation. | 2 | 2 |

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