



NPTEL Online Certification Course
<Environment and Development>
<Assignment 1>: Detailed Solution
Indian Institute of Technology Guwahati

All questions are compulsory and each question carries one (01) mark

1. Development is concerned with the 'perception', 'representation' and 'connection' between _____ in stages of human & societal development.

- a. Environment
- b. Human society
- c. Living organism
- d. Human society and environment

Correct Answer: D

Detailed Answer: From NPTEL lectures

2. _____ refers to the surroundings, or the context within which humans, animals, plants and other exist.

- a. Culture
- b. Environment
- c. Society
- d. Tradition

Correct answer: B

Detailed Answer: From NPTEL lectures

3. Economic and Human Development Index (HDI) are not merely about reducing poverty i.e. increasing GDP but includes other indicators such as:

- a. Literacy and education
- b. Life-expectancy, health, and social welfare, human rights
- c. State of the environment, and the development of human capacities
- d. All of these

Correct answer: D

Detailed Answer: From NPTEL lectures

4. Which of the following statement is true about ecology?

- a. It understand the relationship between living organisms
- b. It understand the relationship between living organisms and machines
- c. It understand the relationship of living organisms to one another and to their physical environment
- d. None of these

Correct answer: C

Detailed Answer: From NPTEL lectures

5. Which of the followings are levels of organization?

- a. Individual, population, community, ecosystem, biome, and biosphere
- b. Individual, population, community, ecosystem
- c. Ecosystem, biome, and biosphere
- d. Biome and biosphere

Correct answer: A

Detailed Answer: From NPTEL lectures

6. In which year was the Earth Summit held?

- a. 1982
- b. 1992
- c. 2002
- d. 2012

Correct answer: B

Detailed Answer: From NPTEL lectures

7. Which of the following does not qualify for abiotic substances?

- a. Oxygen
- b. Nitrogen
- c. Plant

d. Water

Correct answer: C

Detailed Answer: From NPTEL lectures

8. What does 'sustainable well-being' involves?

- a. Pursuing sustainable development to increase income
- b. Pursuing sustainable development to decrease income inequality
- c. Pursuing sustainable development to achieve well-being where it is absent
- d. None of these

Correct answer: C

Detailed Answer: From NPTEL lectures

9. _____ are organisms that utilize organic materials manufactured by producers.

- a. Autotrophics
- b. Abiotics
- c. Saprophytic
- d. Heterotrophics

Correct answer: D

Detailed Answer: From NPTEL lectures

10. _____ provide both a theoretical and practical basis for studying ecosystem function:

hydrologic, carbon, nitrogen, phosphorus and sulphur.

- a. Geochemical cycles
- b. Biochemical cycles
- c. Biogeochemical cycles
- d. None of these

Correct answer: C

Detailed Answer: From NPTEL lectures

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