

Self-Assessment Questions

Topic- Biodiversity & its Importance

1. Biodiversity is the short form of _____ ?

- a) Biome Diversity
- b) Biotic Diversity
- c) **Biological Diversity**
- d) Biotic & Abiotic Diversity

2. Biodiversity means _____ ?

- a) Variety of plants in an area
- b) Variety of microorganisms in an area
- c) Variety of animals in an area
- d) **All the above**

3. Biodiversity controls soil erosion and improves soil quality.

True or False?

Answer: True

4. Healthy ecosystem is the result of rich biodiversity. True or

False?

Answer: True

5. Match the following

- | | | |
|------------------------------|-----|----------------------------|
| a) Nutrient recycling | [] | i) Scientific importance |
| b) Eco-tourism | [] | ii) Economic importance |
| c) Do not harm other species | [] | iii) Ecological importance |
| d) Experimental studies | [] | iv) Ethical importance |

Answer: a-iii, b-ii, c-iv, d-i

6. Find out the ecological services of biodiversity?

- i) Nutrient recycling
 - ii) White washing
 - iii) Stable climate
 - iv) Water cycle
- a) i & ii
 - b) i & iv
 - c) i, ii & iii
 - d) i, iii & iv

7. Textile industry falls under consumptive use value of biodiversity. True or False?

Answer: False

8. Match the following

- | | | |
|-----------------------------|-----|----------------------------|
| a) Source of food | [] | i) Aesthetic value |
| b) Eco-tourism | [] | ii) Option value |
| c) Live and let others live | [] | iii) Consumptive use value |
| d) Research for future use | [] | iv) Ethical & Moral value |

Answer: a-iii, b-i, c-iv, d-ii

9. Value of biodiversity related to spiritual aspects?

- a) Productive use value
- b) Aesthetic value
- c) social value**
- d) Option value

10. A scientist is doing research on medicine that is not discovered so far. This condition falls under which value of biodiversity?

- a) Productive use value
- b) Aesthetic value
- c) social value
- d) Option value**