



BIOLOGY

NCERT - NCERT BIOLOGY(HINGLISH)

ECOSYSTEM

Ecosystem

1. Plants are called as _____ because they fix carbon dioxide.



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2. In an ecosystem dominated by trees, the pyramid (of numbers) is _____ type.



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3. In aquatic ecosystems, the limiting factor for the productivity is _____.



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4. Common detritivores in our ecosystem are_____.



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5. The major reservoir of carbon on earth is_____



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6. Which one of the following has the largest population in a food chain?

A. Producers

B. Primary consumers

C. Secondary consumers

D. Decomposer

Answer: A



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7. The second trophic level of longer food chains in a lake is:

A. Phytoplankton

B. Zooplankton

C. Benthos

D. Fishes

Answer: B



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8. Secondary producers are:-

A. Herbivores

B. Producers

C. Carnivores

D. None of the above

Answer: D



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9. What is the percentage of photosynthetically active radiation (PAR), in the incident solar radiation.

A. 1

B. 0.5

C. 1-5%

D. 2-10%

Answer: B



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10. Distinguish between

(a) Grazing food chain and detritus food chain

(b) Production and decomposition

(c) Upright and inverted pyramid

(d) Food chain and Food web

(e) Litter and detritus

(f) Primary and secondary productivity .



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11. Describe the components of an ecosystem.





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12. Define ecological pyramids and describe with examples, pyramids of number and biomass.



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13. What is primary productivity? Give brief description of factors that affect primary productivity



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14. Define decomposition and describe the processes and products of decomposition.



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15. Give an account of energy flow in an ecosystem.



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16. Write important features of a sedimentary cycle in an ecosystem.



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17. Outline salient features of carbon cycling in an ecosystem



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