

Topic :- Ecosystem

1. What human activities are responsible increase to the amount of CO₂ in the atmosphere?
a) Deforestation
b) Massive burning of fossil fuels
c) Vehicle for energy
d) All of the above
2. The reservoir for the gaseous type of biogeochemical cycle exists in
a) Stratosphere b) Atmosphere c) Ionosphere d) Lithosphere
3. Autotrophs
a) Make their own food
b) Are the base of the food chain
c) Are primary producers
d) All of the above
4. An ecosystem, which can be easily damaged but can recover after some time if damaging effect stops, will be having
a) Low stability and high resilience
b) High stability and low resilience
c) Low stability and low resilience
d) High stability and high resilience
5. Which of the following ecosystem types has the highest annual net primary productivity?
a) Tropical rain forest
b) Tropical deciduous forest
c) Temperate evergreen forest
d) Temperate deciduous forest
6. In pond ecosystem, diatoms represent
a) Producers b) Primary consumer c) Secondary consumer d) Tertiary consumer
7. The importance of ecosystem lies in
a) Cycling of materials b) Flow of energy c) Both (a) and (b) d) Its biomass
8. Two species occupying same or overlapping area are called as
a) Sympatric b) Allopatric c) Parapatric d) Ring species
9. Which of the following representations show the pyramid of numbers in a grassland ecosystem?

- a) All the photosynthetic living forms in an area
- b) All the living forms in an area
- c) The amount of living matter in a component population of an ecosystem at any time
- d) All the crop plants in an area

20. Nektons are

- a) Organisms that swim in water
- b) Floating plants
- c) Suspended lower plants
- d) Animals associated with plants

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