



SIDDHIKSHA EDUCATION CARE 2024-25

BIOLOGY - 12

1. What is ozone hole.
 2. Define Ten percent law.
 3. What is phytoremediation?
 4. What is vivipary? Name a plant group exhibits vivipary.
 5. Find out the type of following food chain. Add a note its significance. Fallen leaves --- earthworm --- Black bird --- Hawk
 6. What is Thermal stratification? Mention their types.
 7. Distinguish habitat and niche.
 8. Draw a pyramid from the following details. Hawk 0 50, Plants - 1000 rabbit and mouse - 250 + 250, pythons and lizards - 100 + 50.
 9. Draw the relative contribution of green house gases. What is Green House Effect?
 10. Define Food web? Write its significance.
 11. Generally human activity are against to the ecosystem, where as you a student how will you help to protect ecosystem.
 12. Explain different types of hydrophytes with examples.
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1. Write the short notes between the correlation of calvaric tree and Dodo bird?
 2. Write any two difference between somatic cell gane therapy and germ line gene therapy?
 3. Write short note about 'J' shaped growth form?
 4. What is Matality?
 5. Why E Coli was note suied for production of Recombinant interferon?
 6. Write short notes an Allen's rule.
 7. Write the uses of prlymerase chain reaction technique in forensic medicine?
 8. What are the categories about species in Red Data Book?
 9. Write any three points of Demerits of Animal cloning?
 10. What are the major Biomes of the earth?
 11. Write the differences between Insitu conservation and exsitu conservation.
 12. What are the three types of recombinant vaccines? Which are of the vaccine are produced by protein, peptide and DNA of pathogenic organism - Give brief note.