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CLASS: XI- BIOLOGY

- 1-What is metabolism?
- 2-Expand ICBN.
- 3-Amoeba multiplies by mitotic division. Is this phenomenon growth or reproduction? Explain.
- 4-Write a short account on herbarium as a taxonomic aid.
- 5-What is a monograph?
- 6-Name any two organisms which do not reproduce at all.
- 7-Why were bacteria, cyanobacteria and fungi included in plant kingdom in the earlier classification systems?
- 8-What important ecological role do the chemosynthetic bacteria play?
- 9-Mention two places where methanogens are present.
- 10-Name the group of monerans which lacks a cell wall.
- 11-What maintains the cell shape of Euglena?
- 12-Give the class of sac fungi.
- 13-Differentiate between Chrysophytes and Dinoflagellates.
- 14-How is a zygospore different from the sporangiospore in fungi?
- 15-Describe the three common steps in the sexual reproduction of fungi.
- 16-Define phylogenetic classification.
- 17-What is chemotaxomy.
- 18-What are the advantages and disadvantages of five kingdom classification.
- 19-Write the distinct characters of Fungi.
- 20-Define absorptive and holozoic nutrition.
- 21-What is two kingdom classification? Give it's drawbacks.
- 22-Why new names are derived from Latin or are Latinized?
- 23-Write the names of two important books brought out by Linnaeus.
- 24-Define the terms: Identification, Nomenclature, Systematics, Taxonomy.
- 25-Name the first national park of the world. Write the name of the country in which it was established.
- 26-Distinguish between: a- Artificial and natural systems of classification, b-Species and Taxon.
- 27-What is the role of keys in taxonomy? Illustrate with example.
- 28-Illustrate the taxonomic hierarchy with suitable examples.
- 29-Write three codes of nomenclature.
- 30-How many plant and animal types exist on earth?