

Biology, Class XI Assignment No. 15 Nov., 08

- Q1. Define the following terms: - systematics, taxonomy, classification, nomenclature and phylogeny.
- Q2. List seven categories of taxonomic hierarchy.
- Q3. List any 2 taxonomic aids.
- Q4. Give scientific name of man and mango.
- Q5. Who proposed 2 kingdom classifications? Give two shortcomings of the classification.
- Q6. What are the main criteria for classification of organisms in 5 kingdom classification? Who proposed this classification?
- Q7 (a) Give 3 features of kingdom Monera. (b) Discuss 3 groups of Archaeobacteria
(c) Why, are cyanobacteria also referred as blue green algae?
- Q8. Where do you find heterocyst? What is its function? Name two bacteria in which they are found.
- Q9. Give functions of some heterotrophic bacteria.
- Q10. To which group PPLD belongs to? Give their features.
- Q11 (a) List the features of different phylum under kingdom protista.
(b) Give economic importance of Phylum Protozoa and Phylum chrysophyta.
- Q12. Enumerate the characteristics of Kingdom Fungi.
- Q13 (a) Describe the steps involved in sexual reproduction of fungus.
(b) What is the mode of vegetative and asexual reproduction in fungi?
- Q14. Give features of class Zygomycetes, class Ascomycetes, Phycomycetes and Basidiomycetes of Kingdom Fungi.
- Q15. Which class of Kingdom Fungi is commonly known as "Imperfect fungi" & why?
- Q16 (a) What is the contribution of D.I. Iwanowsky and M.W. Beijerinck with respect to viruses?
(b) Draw labeled diagram of a bacteriophage. (c) Describe structure of virus.
- Q17. What are viroids?
- Q18. Describe Lichens & give its significance also.