

MPVM GANGA GURUKULAM
HOLIDAY HOMEWORK - 2025-26
CLASS - XI B
SUBJECT - BIOLOGY

DO THIS ASSIGNMENT IN A4 SHEET

1. When we try to define 'living', we look for certain characteristics of living organisms. Explain such characteristics and justify whether it is defining property or not.
2. What do you mean by taxonomic hierarchy? Write its features.
3. Define taxonomy and systematics. What is the scope of systematics as of today?
4. What forms the basis of modern taxonomy? Explain three domain classification.
5. Define a taxon. Explain each taxon with examples in hierarchy.
6. Describe binomial nomenclature with an example.
7. Explain the guidelines/principles for nomenclature.
8. Describe how classification systems have undergone several changes over a period of time along with scientists.
9. Write the criteria considered for five kingdom system of classification.
10. Describe different types of classification of bacteria with diagrams.
11. Write characteristics of kingdom :
 - (a) Monera with examples.
 - (b) Protista and its classification.
 - (c) Fungi and its classes. Mention the criteria for classifying into classes.?
 - (d) Lichens
12. What are the three steps involved in sexual reproduction of fungi?
13. Write short note on viruses, viroids and prions.
14. Draw diagrams of:
 - (a) Euglena
 - (b) Paramecium
 - (c) Amoeba
 - (d) Bacteriophage
15. Are viruses living or non-living? Give reasons for each.

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