

PLANTAE- 9TH

1. What is the primary characteristic on which the first division of the organisms is made?
2. On what basis are plants and animals put into different categories?
3. Why did scientists not accept the classification proposed by Aristotle?
Explain with example.
4. Name the biologist who proposed five kingdoms. Name these kingdoms.
5. What are the basic characteristics of classification of kingdoms?
6. Arrange these in the correct order-
Class, Order, Species, Family, Phylum, Kingdom, Genus.
7. Why is mule not considered as a species?
8. Name the amphibians of the plant kingdom. Why are they called so?
9. Compare and contrast characteristics of *Monera* and *Protista*.
10. What are saprophytes? Explain their mode of nutrition.
11. What are characteristics of the different level of classification of plants?
12. Algae fall in which groups? Give three examples of other species in this group.
13. In which group was a well developed transport system first seen?
14. List three groups which bear naked embryos.
15. Differentiate between *gymnosperms* and *angiosperms*.
16. Differentiate between *dicots* and *monocots*.
17. What are spores? Why are they considered in *cryptogamae*?
18. What are *phanerogams*? What is the function of seeds?
19. *Ulva*, *Funaria*, *Ipomea*- write the name of the group these belong to.