

BIOLOGY ASSIGNMENT

CLASS: IX

- Q.1 In which Kingdom will you place an organism which is single-celled, eukaryotic and photosynthetic?
- Q.2 Which division of plants is called the “amphibians of the plant Kingdom”?
- Q.3 What is classification? Why it is important?
- Q.4 Which organisms are included in Kingdom Protista?
- Q.5 What is binomial nomenclature? Give its advantages.
- Q.6 Write down conventions and rules of binomial nomenclature.
- Q.7 What do you think is a more basic characteristic for classifying organisms:
 - (i) The place where they live,
 - (ii) The kind of cells they are made of. Why?
- Q.8 Name the various categories used in hierarchical classification of organisms.
- Q.9 Who classified organisms into five kingdoms? What was the basis of this classification?
- Q.10 What is species?
- Q.11 Name the group in which:
 - (i) Seeds are naked.
 - (ii) Reproductive organs are flowers.
- Q.12 Write the important characters of Protista.
- Q.13 Draw a well labeled sketch of Paramecium.
- Q.14 Describe the main features of Kingdom Fungi.
- Q.15 What is specialty of lichens?
- Q.16 Write down the important features of Monera. Draw a labeled diagram of a bacterium.
- Q.17 Why is India called a megadiversity centre?
- Q.18 Draw a flow chart depicting classification of plant kingdom?
- Q.19 Write four general characters of thallophyta.
- Q.20 Distinguish between bryophytes and pteridophytes.
- Q.21 Write the main features of pteridophytes. Give – 2 examples.
- Q.22 What are cotyledons? Name & discuss important features of the two classes of angiosperms based on the no. of cotyledons.
- Q.23 What are gymnosperms? Write down their important features.
- Q.24 Name the group of plants in which embryo is naked.
- Q.25 In which group of plants is fruit present?
- Q.26 What type of nutrition is found in fungi?
- Q.27 Enumerate the characteristic features of angiosperm?
- Q.28 What are phanerogams? How they are different from cryptogams?
- Q.29 Why are plants and animals so different?
- Q.30 Name the plant structure, which helps in attaching the bryophytes to the substratum.
- Q.31 Why is Euglena called plant-animal?
- Q.32 Why are protozoa called early animals?
- Q.33 Which division among plants has the simplest organisms?