

SUBJECT BIOLOGY

CLASS- IX

TERM-SA2

ASSIGNMENT NO - 6

TOPIC- Diversity in the living organisms?

Q1 What is the basic unit of classification? Make a flow chart to show the hierarchy of classification in plants and animals.

Q2 Compare the following

 Annelids and Arthropods

 Aves group and Mammalia group

Q3 Ameoba and Euglena are classified under which group? What is the characteristic feature of this group? In which way does an Amoeba differ from Euglena?

Q4 What are the conventions that are followed while writing the scientific name?

Q5 Prepare a key to identify the group to which a rose plant belongs according to its characteristics.

Q6 Why there is a need for systematic naming of living organisms?

Q7 Differentiate between Amphibians and Reptiles

Q8 Compare and contrast Poriferans and Ccelentrates.

Q9 Prepare a key to identify the class to which a pigeon belongs.

Q10 Both Kites and bats are aerial organisms then why are they placed in different classes of vertebrates?