Biology (New Book) - 9th Class Biology Urdu Medium Chapter 2 Preparation

Q1. What are teh basic difference between archaea and bacteria.

Ans 1: Archaea:
These are prokaryotes whose cell wall does not contain peptidoglycan.

Bacteria:
These are prokaryotics whose cell wall is made of peptidoglycan.

Q2. Write Kingdom Animallia

Ans 1: i. This kingdom of eukaryotes include animals which are eukaryotic, multicellular and heterotropic.
ii. They develop from embryos.
iii. They food and digest it within their bodies.

Q3. Write down some uses of fungi.

Ans 1: Fungi are used in production of bread. cheese and beer. Others have medicinal properties, such as penicillin, an antibiotic derived from the fungus pencillium

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Q4. Define taxonomy

Ans 1: Toxonomy is the study of naming and classification of organism into groups and sub groups based on their similarities and differences.

Q5. Define Taxa

Ans 1: The group into which organisms are classified are known as taxonomic categroies of taxa The taxa form a ladder called Taxonomic herieaby there are seven main taxonomic ranks Kingdom phylum or division, class, order family genus and species.

Q6. List the three main domains that encompass all living organisms.

Ans 1: i. Domain Archaea ii. Domain Bacteria iii. Domain Eukarya

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Q7. Enlist the distinguishing characteristics of fungi.

Ans 1: 1. Fungi are eukaryotic organisms.
2. They do not have cellulose in their cell walls but posses chitin
3. They lack chlorophyll and hence cannot perform photosynthesis.
4. They are multicellular

Q8. Enlist the distinguishing charcteristics of Fungi

Ans 1: 1. Fungi are eukaryotic organismss
2. They do not have cellulose in their cell walls but possess chitin
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Q9. Define Autotrophs

Ans 1: Autotrophs:
the organisms that are capable of producing their own food are called autotrophs e.g. green plants, cyanobaceria and algae.

Q10. Define taxonomy.

Ans 1: Taxonomy is the study of naming and classification of organisms into groups and sub groups based on their similarities and differences.