

INDIAN SCHOOL NIZWA
BIOLOGY-WORKSHEET -2
CH.2 BIOLOGICAL CLASSIFICATION

DATE: _____ NAME: _____ CLASS: XI

1. (a) Give one word answer
 - (b) Pollution indicator organism
 - (c) Bacteria that live in marshy areas
 - (d) Bacteria that live in salty areas
 - (e) Who proposed two kingdom classification
 - (f) Who proposed five kingdom classification
 - (g) Smallest cell
 - (h) Specialized cell of Cyanobacteria that fix atmospheric nitrogen
 - (i) Chief producer of ocean which are mainly phytoplankton
 - (j) Common name of ascomycetes and basidiomycetes
2. Although microbes are easily decomposed but why Diatoms are indestructible?.
 3. What is 'red tide'? Name the organism responsible for this
 4. Why body of Euglena is flexible?
 5. Euglena is both autotrophic and heterotrophic, why?.
 6. How do you distinguish Protists from other groups of organisms?.
 7. Explain sexual cycle of fungi.
 8. Deuteromycetes, commonly known as imperfect fungi, why?
 9. Why was two kingdom classification found inadequate to classify living organisms? Give three reasons.
 10. Name three groups of organisms which are acellular.
 11. Why did Whittaker not put viruses in five kingdom classification?
 12. Distinguish between: Plant virus and animal virus, Virus and viroids, Mycobionts and phycobionts, Ascospores and basidiospores, Plasmogamy and karyogamy.

