

SAINIK SCHOOL GOPALGANJ

SUB: BIOLOGY

CLASS - XI

ASSIGNMENT- 2

(Q.1 – Q.2) Given below are four options against each question. Choose the option which you consider the most appropriate as your answer.

1. Bacteria were first discovered by
(a) Robert Koch (b) L Pasteur
(c) Robert Hooke (d) A V Leeuwenhoek
2. Which one of the following is a genetic vector?
(a) Phage (b) Plasmids
(c) Mosquito (d) None of these
3. Diatoms shell is made of
(a) Silica (b) Lime
(c) Calcium (d) None of these
4. Sand fly is a causative agent of
(a) Kala azar (b) Sleeping sickness
(c) Typhoid (d) None of these
5. Mycology is the branch which deals with the study of
(a) Viruses (b) Algae
(c) Bacteria (d) Fungi
6. The symbiotic association of algae and fungi is
(a) Lichen (b) Mycorrhiza
(c) Both a and b (d) Mycoplasma
7. The viruses contain
(a) RNA or DNA (b) RNA and DNA
(c) Protein, DNA or RNA (d) None of these
8. Genetic material of retroviruses is
(a) RNA (b) DNA
(c) Protein, DNA and RNA (d) None of these
9. *Amoeba* is a member of Phylum
(a) Porifera (b) Annelida
(c) Protozoa (d) None of these
10. Chrysophytes, Euglenoids, Dinoflagellates and Slime moulds are included in
(a) Animalia (b) Plantae
(c) Protista (d) Monera

11. Mention any four characteristic features of dinoflagellates.
12. Describe the three common steps in the sexual reproduction in fungi.
13. How do lichens exhibit symbiosis?
14. Why are deuteromycetes commonly known as imperfect fungi? Mention two characteristic of mycelium of fungi.
15. What is diatomaceous earth? Mention any two economic importance of it.
16. Highlight the criteria considered for five kingdom system of classification.
17. Mention the distinctive characters of cyanobacteria.
18. Describe the four categories of bacteria based on the shape of their cells. Represent them diagrammatically.
19. Fungi are cosmopolitan .Write the role of fungi in your daily life.
20. Name any three parasitic protozoans and mention the disease each of them causes in human beings.
