

DELHI PUBLIC SCHOOL JAMMU
Revision sheet for Cycle Test-I
SESSION: 2018-2019

Class: XI

Subject: Biology

TOPICS:

1. The Living World
2. Biological Classification
3. Plant Kingdom
4. Animal Kingdom
5. Morphology of Flowering Plants.

SECTION A (VERY SHORT TYPE QUESTIONS)

- Q1: What do you mean by chemotaxonomy and cytotaxonomy?
- Q2: Which animal phylum shows Bioluminescence?
- Q3: What do you mean by phyllotaxy and venation?
- Q4: What is the function of stilt roots in plants?
- Q5: Differentiate between monocot and dicot seeds?

SECTION B (SHORT TYPE QUESTIONS)

- Q6: In which animal phylum spongiocoel is seen? What is the function of spongiocoel?
- Q7: What do you mean by vernacular nomenclature and list some drawbacks of common names.
- Q8: Who proposed three domains of life? What are the three domains of life?
- Q9: Why roots are called as positively geotrophic? What are the different zones of the root?
- Q10: List any five modifications of tap roots.
- Q11: Which plant division is known as amphibians of the plant kingdom? List any five characteristic features of bryophytes.
- Q12: What do you mean by germ layers? Why they are called as germ layers?
- Q13: Define symbiosis. Explain any two examples of symbiosis shown by fungi.
- Q14: Why bryophyta is called as thallophyta? Explain different classes of bryophyta.
- Q15: What do you mean by flower and inflorescence?
- Q16: What do you mean by level of organization and symmetry? How many types of levels of organization are seen in animal kingdom? Explain each type.
- Q17: Draw a well labeled diagram of a bacteriophage and TMV.

SECTION C (LONG TYPE QUESTIONS)

- Q18: What do you mean by taxonomical aids? Differentiate between Museum and key.
- Q19: Explain taxonomical hierarchy with the help of any example.
- Q20: Explain different types of alternation of generation in plants.
- Q21: What do you mean by syngamy and triple fusion? Explain the life cycle of pteridophyta.
- Q22: Draw a flow chart for the classification of animals. List some important features of phylum mollusca and nematoda.
