

Delhi Public School Jammu
Assignment Periodic Test-II (2018-2019)

Class: XI
Subject: Biology

Q1: Define secondary growth.

Q2: What do you mean by phellem and phellogen?

Q3: What is the significance of equational division?

Q4: Why algae is called thallophyta ?

Q5: Define protonema and prothallus.

Or

How pteridophyta differ from angiosperms

Q6: What is the function of centriole in cell division.

Or

List one important function each of golgi apparatus and flagellum.

Q7: What are the different types of polypeptides? Explain them.

Q8: What are the changes that occur during metaphase and telophase of meiosis I.

Q9: What do you mean by phloem loading and unloading?

Or

What do you mean by diffusion pressure deficit? How does osmosis differ from facilitate diffusion?

Q10: What do you mean by water potential? Differentiate between turgor pressure and Wall pressure.

Q11: Explain CAM pathway in plants.

Q12: Explain various types of life cycles in plants.

Q13: What are the different layers of cell wall? Explain various functions of cell wall.

Q14: Explain the zwitter ion structure of protein. What are the different types of amino acids?

Or

Why proteins are called biological polymers? Which biomolecule has the capacity to duplicate?

Q15: Explain various stages of equational division.

Q16: What are the various theories for Ascent of Sap. Explain root pressure theory and transpirational pull theory.

Or

When does wilting occur in plants? Mention any two ways of absorption of water in plants.

Q17: What do you mean by facilitate diffusion? Explain the process of endosmosis and exosmosis.

Q18: What do you mean by kranz anatomy. Explain various types of photophosphorylation.

Q19: Draw well labeled diagram for the T.S. of Dicot leaf.

Or

Differentiate between monocot and dicot stem.

Q20: Which type of plant show CAM pathway. Explain Calvin cycle

Or

What do you mean by action spectrum and absorption spectrum? Explain light reaction in detail

Q21: Draw a well labeled diagram of chemical structure of DNA.

Or

What do you mean by enzyme inhibitors? Explain various types of enzyme inhibition.
