

**Question bank General botany course II: -**

**Answer the following question**

Q1: -Write differences between Collenchyma tissue and Parenchyma tissue in (cell wall, intercellular space and appearance).

Q2: -Define each of stipules and idioblast cells.

Q3: -Write Basic Differentiation Regions of the Root in longitudinal section.

Q4: - Write Type of vascular bundle in each of root and stem.

Q5: -Count only types of Modification of leaves and give an example for each one.

Q6: -Draw and label each the followings

a) C.S. of Dicot leaf.

b) One vascular bundle in Dicot stem.

Q7: - What we mean by Epiblema or Piliferous Layer.

Q8: -Explain each the following terms.

- 1) Multiple epidermis
- 2) Compound leaf
- 3) Exstipulate leaf
- 4) Bark
- 5) Running stem.

Q9: -Count and draw kinds of thickenings in the xylem vessels.

Q10: -Count only components of xylem in Gymnosperm plants.

Q11: - Arrangement of leaves on the stem, called.....

Q12: - Write Function of xylem.

Q13: - Write differences between vessel and tracheid.

Q14: - Write Function of parenchyma tissue in plant.

Q15: - Count only components of phloem in Gymnosperm plants.

Q16: - Write important of xylem for human.

Q17: - Why Dispersal of Seeds and Fruits are important?

Q18: - Why Region of Maturation in root is important for plant?

Q19: -Count only types of modification of leaves and give an example for each one.

Q20: - Write differences between stem and root morphologically.

Q21: -Write the agency of Dispersal of Seeds and Fruits.

Q22: - Write the Economic importance of plants seed.

Q23: - Write Function of phloem in plant.

Q24: - What we mean by CASPARIAN STRIP?

Q25: -Explains each the following terms (inflorescence, pedicel, peduncle and bract).

Q26: - What we mean by each the true fruits and the parthenocarpy fruit (Seedless fruit).

Q27: - Write differences between each of simple fruit and Aggregate fruits.

Q28: -Count only the main types of fruit.

Q29: - Write types of Leaf venation in plant.

Q30: - Count only types of Specialized and Modified Roots in plant.

Q31: - Count only types of Modification of stems and give an example for each one.

Q32: - Write about each of Complete flower, Incomplete Flower, Bisexual Flower and Unisexual Flower.