2024

Herbal Processing Technology

Paper: HPT0200104

(Medicinal Botany)

Full Marks: 60
Time: 2 hours 30 Minutes

The figures in the margin indicate full marks for the questions.

1. Answer the following: 1x8=8

   a. Who is the father of Modern taxonomy?
   b. Who is the father of Plant anatomy?
   c. Who is the mother of Plant anatomy?
   d. Each chloroplast contains green colour pigment called ....
   e. Cell membrane compost of a three layer of ....
   f. Leucoplast are found in..
   g. Chemical formula of water......................
   h. Scientific name of Aloe Vera.............

2. Answer the following in brief: (Any Six) 2x6=12
   a. Define Plant.
   b. Write the meaning of Taxonomy.
   c. Define Nucleus and Cell Membrane.
   d. Write two medicinal plant names with their scientific name.
   e. Define Shrubs.
   f. Write an example of tress and herbs.
   g. Define photosynthesis.
   h. What is Phloem Cells?
   i. Define Plant Anatomy.
   j. Write two example of dicot plant.

3. Answer on any four from the following : 5x4=20

   a. Difference between flowering and non flowering plant.
   b. Plant cell function.
   c. System of plant taxonomy.
   d. Characteristics of Microscope.
   e. Plant breeding.
   f. Tissue types and functions
   g. Plant morphology with proper diagram.
   h. Tropism of Plants.

4. Answer any two from the following: 10x2=20

   a. Explain about the plant cell with proper diagram and labelling.
   b. Briefly explain the process and type of cell division of plants.
   c. Define the classification of taxonomy and explain it.
   d. Write about plant hormone and its function.
   e. Write the leaf structure and root structure of plants.