

# School of Medical and Allied Sciences

Pharmacy  
ETE - Jun 2023

Time : 3 Hours

Marks : 75

## Sem IV - BP405T / BPHT4005

### Pharmacognosy and Phytochemistry I Theory

*Your answer should be specific to the question asked*

*Draw neat labeled diagrams wherever necessary*

1. Tell the term unorganized drugs with suitable Example K1 CO1 (2)
2. Define mutation with suitable example and their role in agriculture. K1 CO2 (2)
3. Tell name of Alkaloid with their origin in Plant part as example. K1 CO4 (2)
4. Find of Disadvantages of Plant Tissue culture. K1 CO3 (2)
5. Summarize Chemical test of Alkaloid. K2 CO4 (2)
6. Outline organized drugs with suitable Example K2 CO1 (2)
7. Explain Application of Carbohydrate, lipid and Protein containing drug with example. K2 CO5 (2)
8. Outline Crude Drug from Animal and plant origin with suitable example. K2 CO2 (2)
9. Define Primary and Secondary metabolites with suitable Example K1 CO5 (2)
10. Illustrate life process of Plant Tissue Culture and their uses. K2 CO3 (2)
11. Make use of Microscopic and organoleptic evaluation of drug with suitable example. K3 CO1 (5)

### OR

- Make use of Physical and Chemical evaluation of drug with suitable example. K3 CO1 (5)
12. Apply the Processing and storage of herbal drugs with suitable example. K3 CO2 (5)
  13. Compare Batch Culture, Suspension culture, static culture and their application in tissue culture K4 CO3 (5)
  14. Utilize the advantages of plant tissue culture and their importance in Pharmacognosy with example. K3 CO3 (5)
  15. Distinguished about the Cultivation and Collection of medicinal Plant its application with suitable example. K4 CO2 (5)

### OR

- Take part in Plant hormones and their applications with suitable example.
16. Analyze the Significance and role of nutrient media for Growth of tissue culture K4 CO3 (5)

### OR

- Discover the role of Plant Growth Regulators /Hormones, organic and inorganic nutrient in tissue culture K4 CO3 (5)
17. Construct Pharmacovigilance of Drugs of Natural Origin with an example. K6 CO6 (5)
  18. Explain Role, principle and importance of Ayurveda and Unani system of medicine with Example. K5 CO4 (10)
  19. Discuss biological source, chemical nature and pharmaceutical uses of Acacia, Agar, Tragacanth and Honey K6 CO5 (10)

### OR

- Elaborate biological source, active constituents and uses, one drug from each category K6 CO5 (10)
- i) Fibre, ii) carbohydrate, iii) Hallucination and iv) lipid containing drug.