

**2 Hours**

**Total Marks: 50**

- Note: - 1. Attempt all questions.**  
**2. Draw neat labeled diagrams wherever necessary.**  
**3. Figures to the right indicate full marks**

- Q.1 Answer the following (Any 2) 10**  
1 Elaborate on the methods of diagnosis as per Siddha system of medicine.  
2 Explain how Tridoshas are made out of Panchamabhutas.  
3 Write a note on any two solid preparations as per Unani system of medicine.  
4 Note on raw material use for preparation of Ayurvedic formulations.
- Q.2 Answer the following (Any 2) 10**  
1 Enumerate the properties of an excipient.  
2 Elaborate on the principles underlying modern system of medicine.  
3 ASU and modern drugs together are beneficial in the management of tuberculosis, explain giving examples.  
4 Giving suitable example discuss any one type of modern drug formulation.
- Q.3 Answer the following (Any 2) 10**  
1 Explain the process of preparation of herbaria.  
2 With respect to medicinal plants explain the concept of GAP.  
3 Explain in detail about Phytogeographical regions of India with examples.  
4 Note on : Ethnobotany
- Q.4 Answer the following (Any 2) 10**  
1 What is ionization? Explain its effects on the extraction of drugs.  
2 Elaborate on Physico-chemical properties of drugs and solvents.  
3 Explain LLE.  
4 Discuss the parameters for selection of solvent.
- Q.5 Short Notes on (Any 2) 10**  
1. Two types of Ayurvedic formulation  
2. Dosage forms  
3. Photomicrography  
4. First law of drug metabolism
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