

**Total No. of Pages : 01**

**M.Pharmacy(Pharmacognosy) (2017 & Onwards) (Sem.-2)**

**Subject Code : MPG-202**

**Paper ID : [74950]**

**Max. Marks: 75**

1. Attempt any FIVE questions out of SIX questions.
2. Each question carries FIFTEEN marks.

1. a) What are the pharmacokinetic issues related to herbal medicines? (8)  
b) Describe new approaches for validation of herbal therapies. (7)
2. a) Describe method of detection and determination of pesticide residues in herbs. (8)  
b) Describe various types of adulterations in herbal drugs. (7)
3. a) Discuss the role of Ethnopharmacology in drug evaluation. (8)  
b) Describe the role of bio-prospecting in discovering leads for drug development. (7)
4. Describe analytical profiles of :  
a) *Andrographis paniculata*. (8)  
b) *Curcuma longa*. (7)
5. Explain various methods for evaluation of anticancer activity of herbal drugs. (15)
6. Write short notes on :  
a) Sampling procedures. (5)  
b) Reverse Pharmacology. (5)  
c) Acute toxicity study of herbal drugs as per OECD guidelines. (5)