

**FACULTY OF PHARMACY****M. Pharmacy (Pharmacognosy) II – Semester (PCI) (Main) Examination, Aug. 2019****Subject: Advanced Pharmacognosy - II****Time: 3 Hrs****Max. Marks: 75****Note: Answer Any Five Questions. ALL Questions carry Equal Marks.**

1. Discuss the reasons for adulteration of herbal drugs. Write abt the methods and measures for detection of adulteration. 15M
2. Write abt 5+5+5M
  - a) Chemistry of forskolii
  - b) Estimation of Curcumin
  - c) Ethno pharmacology
3. Discuss the role of herbal medicine in prevention of cancer. Explain any two in vivo anti cancer techniques. 15M
4. Describe the role of herbal drugs in the treatment of diabetes. Explain any two methods of in vivo anti diabetic screening techniques. 15M
5. Give an informative note on 5+5+5M
  - a) DNA finger printing
  - b) Detection of heavy metals
  - c) Detection of microbial contamination.
6. a) Discuss the role of herbal drugs as antifertility agents 6+9M  
b) Discuss Toxicity studies as per OECD guide lines.
7. a) Write abt pharmacokinetics issues related to herbal medicines. 8+7M  
b) Discuss Efficacy of herbal medicine with respect to modern medicine.
8. Write the chemistry of Boswellia serata and give the complete analytical profile as IP or AP. 15M

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