

Code No: 1218/PCI

**FACULTY OF PHARMACY****M. Pharmacy (Pharmacognosy) II-Sem. (PCI)(Main) Examination, August 2018****Subject: Advanced Pharmacognosy-II****Time: 3 Hrs****Max. Marks : 75****Note: Answer any five Questions. All Questions Carry Equal Marks.**

1. Define the terms adulteration, substitution and misbranded drugs. Write the causes, types and methods to detect the adulterations. 15
2. Write the srces, chemistry, pharmacology and mechanism of f action of Forskholii and Psoralea. 15
3. List the methods for screening of antidiabetic activity and explain the any three methods. Write a note on herbal drugs used in antidiabetic activity. 15
4. What are antioxidants and write the role of antioxidants in biological system. Write the principle and procedures of five in vitro antioxidant techniques. 15
5. a) Explain the need of phyto pharmacological screening. 5+5+5  
b) Write the method of detecting heavy metals.  
c) What is the role of Ethnopharmacology.
6. Write a note on  
a) OECD guidelines. 5+5+5  
b) Validation of herbal therapies.  
c) Advantages and disadvantages of herbal drugs vs conventional drugs.
7. Write abt 5+5+5  
a) DNA finger printing  
b) Detection of pesticide residue.  
c) Determination of microbial contamination.
8. Write a note on :  
a) Chemistry of Andrographis paniculata 5+5+5  
b) Cultivation and collection of curcuma long a  
c) Methods of Drug discovery.

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