

FACULTY OF PHARMACY**M. Pharmacy (Pharmacognosy) II-Semester (PCI)(Suppl.) Examination, February 2019****Subject: ADVANCED PHARMACOGNOSY-II****Time: 3 Hrs****Max. Marks : 75****Note: Answer any five Questions. All Questions Carry Equal Marks.**

1. Write the role of plants in treatment of cancer. Explain any three screening methods for evaluation of anticancer activity. 15
2. Define the terms with examples adulteration, substitution and misbranded drugs. Write the causes, type and methods of detection of adulteration. 15
3. a) Write the IP monograph of *Andrographis paniculata*. 9+6
b) DNA finger printing of technique in identity of crude drugs.
4. a) Give an informative note on methods of drug discovery. 9+6
b) Determination of microbial contamination.
5. Discuss abt the herbal drugs used in treatment of cardiac diseases. Describe any three in vivo screening techniques for cardio protective action. 15
6. a) Write the economic importance of antifertility agents and discuss the role of herbal drugs. 7+8
b) Discuss any three methods of antifertility screening methods.
7. a) Give an informative note on pharmacokinetic studies. 8+7
b) Write a note on disadvantages of heavy metals and methods to detect the heavy metals.
8. Write a note on 5+5+5
a) New strategies in natural products.
b) OECD guidelines.
c) Validation of herbal therapies.
