

**35170 : Pharmacognosy - IV : T-6.4**

P. Pages : 1

Time : Three Hours

**AW - 2316**

Max. Marks : 60

- Notes :
1. All question carry equal marks.
  2. Answer **any five** questions.
  3. Illustrate your answer necessary with the help of neat sketches.
  4. Use of pen Blue/Black ink/refill only for writing the answer book.

1. What is traditional system of medicine? Discuss in detail principle behind Ayurvedic system of medicine? **12**
2. Write in detail about Natural antioxidants and Nutraceuticals? **12**
3. Write synonym, biological source, chemical constituents and uses of – **12**
  - a) Ipecac
  - b) Withania
  - c) Ergot
  - d) Ephedra
  - e) Nuxvomica
4. a) Write different methods for preposition of extracts? Give the tests for screening of anthraquinones. **6**  
b) Give in detail pharmacognostic account of opium. **6**
5. a) Discuss in detail different methods for extraction of volatile oils from crude drugs? **6**  
b) Write synonym, biological source, chemical constituents and uses of – **6**
  - i) Nutmeg
  - ii) Eucalyptus
  - iii) Lemon peels
  - iv) Coriander
6. a) Differentiate between lemon – grass oil, palmarosa oil and citronella oil. **6**  
b) Give the star – otto method for isolation of Alkaloids? **6**
7. Write short notes on **any three**. **12**
  - a) Aromatherapy
  - b) Analysis of volatile oil.
  - c) Chinese system of medicine.
  - d) Pharmacognostic account of clove.

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