

AV - 2323

Second Semester B. Pharm. Examination

PHARMACOGNOSY - II

Paper - T - 2 - 3

(USC - 35145)

P. Pages : 2

Time : Three Hours]

[Max. Marks : 60

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- Note :** (1) All questions carry equal marks.
(2) Answer any **Five** questions.
(3) Diagrams and Chemical equations should be given wherever necessary.
(4) Illustrate your answer wherever necessary with the help of neat sketches.
(5) Use pen of Blue/Black ink/refill only for writing the answer book.

1. Define adulteration and explain different types of adulteration.
Give examples of physical, chemical and biological methods for evaluation of adulteration. 12
2. Explain the taxonomical characters of the family Liliaceae along with two medicinal important plants of this family. 12
3. Give biological source, chemical constituents and uses of any four drugs acting as carminative and GI regulators. 12
4. Write short notes on any **Four** :—
 - (a) Source, preparation and identification of cotton
 - (b) Vasaka
 - (c) Neem
 - (d) Lemon oil
 - (e) Collection and preparation of Digitalis. 12

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5. Give biological source, chemical constituents and uses of any **Four** :—
- (a) Arjuna
 - (b) Rawolgia
 - (c) Guggul
 - (d) Tolu Balsam
 - (e) Lpecae
 - (f) Punarnava. 12
6. What is Genetic manipulation ? Discuss polyploidy and mutation with reference to medicinal plants. 12
7. What is pests ? Enlist different types of pests. Discuss in detail about natural pesticides with examples. 12

