

AV - 2472

Second Year Pharm. D. Examination

PHARMACOGNOSY AND PHYTOPHARMACEUTICALS

Paper - 2.3

(USC - 35117)

P. Pages : 2

Time : Three Hours]

[Max. Marks : 70

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- Note :** (1) Answer total **Six** questions.
(2) Question no. **One** is compulsory.
(3) Illustrate your answer wherever necessary with the help of neat sketches.

1. What is Pharmacognosy its History and scope in today's world ? 15
2. (A) What are the methods of storage of crude drugs with examples ? 6
(B) Discuss factors affecting the cultivation of Medicinal Plants with examples. 5
3. What are the natural pesticides used to control the pests in cultivation of Medicinal plants ? Discuss with examples. 11
4. Differentiate the following (any **Two**) :—
 - (a) Agar and tragacanth.
 - (b) Acid value and iodine value.
 - (c) Substitution and adulteration. 11
5. Give classification chemistry and analysis of lipids. 11
6. What is powder microscopy ? How it helps in quality control of crude drugs. 11

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P.T.O.

7. Write notes on (any **Three**) :—

(A) Pharmacological classification of crude drugs.

(B) Plant fibres and their uses.

(C) Crude drugs from marine source

(D) Microscopy of Cinchona bark.

11

8. What are proteins classify them with examples ? Discuss its chemistry and analysis of proteins.

11

9. (A) What do you mean by unorganized crude drugs ? How will you identify them by various methods ? Discuss with examples.

(B) What are polysaccharides ? Define with examples its source and analysis.

11

