

Pharmacognosy and Phytochemistry – I : BP 405 T

P. Pages : 1

Time : Three Hours

**AW - 2352**

Max. Marks : 75

- Notes : 1. Answer all questions.
2. Illustrate your answer necessary with the help of neat sketches.

1. a) Write the part of plant used as drug. 5
i) Cotton ii) Castor oil
iii) Chaulmoogra oil iv) Jute
v) Acacia
- b) Define the terms. 10
a) Alkaloids b) Glycosides
c) Volatile oils d) Adulteration.
e) Evaluation
- c) Match the Columns. 5
i) Wool a) Vegetable fibres
ii) Rayon b) Animal fibres
iii) Terylene c) Mineral fibres
iv) Cotton d) Synthetic fibres
v) Glass e) Fibres regenerated from carbohydrate
2. Long answer questions **any two**. 20
i) Describe in detail factors affecting cultivation of Medicinal plants.
ii) Explain in detail plant tissue culture Technique with applications.
ii) Define Pharmacognosy, Write the scope, History and development of Pharmacognosy.
3. Short answer **any seven**. 35
i) Write different sources of crude drugs.
ii) Explain polyploidy, Mutation and hybridization with reference to medicinal plants.
iii) Describe Novel therapeutic agents from marine source.
iv) Classify crude drugs with examples.
v) Write short note on : a) Honey b) Castor oil.
vi) Give nutritional requirement for plant tissue culture technique.
vii) Explain Role of Pharmacognosy in Allopathy and traditional system of medicines.
viii) Define Glycosides and write isolation of Glycosides.
ix) Write source, method of preparation and uses of pepsin and pancreatin.
