

Code: 15R00204

R15

B.Pharm I Year II Semester (R15) Regular & Supplementary Examinations June 2017

PHARMACOGNOSY – I

Time: 3 hours

Max. Marks: 70

PART – A

(Compulsory Question)

- 1 Answer the following: (10 X 02 = 20 Marks)
- (a) Define crude drug.
 - (b) Write a note on conservation of medicinal plants.
 - (c) What is chemotaxonomy?
 - (d) Write applications of polyploidy in pharmacognosy.
 - (e) Describe the chemical tests for agar.
 - (f) Define acid value & saponification value.
 - (g) Lists out the gums you have studies and write their applications.
 - (h) Define plant fibre. Give examples.
 - (i) What is bast fibre? Name a drug where it is present.
 - (j) How do you distinguish between pure honey from adulterated?

PART – B

(Answer all five units, 5 X 10 = 50 Marks)

UNIT - I

- 2 Define pharmacognosy. Write the scope and future of pharmacy.

OR

- 3 Write B.S, C.C and uses of two drugs each from plants, animals, minerals, marine and microorganisms.

UNIT - II

- 4 Describe in detail the factors affecting cultivation, collection and processing of crude drugs.

OR

- 5 Describe the classification of crude drugs with examples.

UNIT - III

- 6 Describe the pharmacognosy of tragacanth.

OR

- 7 Describe the pharmacognosy of isabgol.

UNIT - IV

- 8 Define and classify Tannins with examples. Write the source, chemical tests and uses of black catechins & myrobalan.

OR

- 9 Classify plant fibres. Write the source, preparation and identification of cotton and nylon.

UNIT - V

- 10 What are lipids? Describe their extraction chemistry and analysis.

OR

- 11 Describe the pharmacognosy of castor oil & Beeswax.
