

Code: 15R00204

R15

B.Pharm I Year II Semester (R15) Regular & Supplementary Examinations June 2018

PHARMACOGNOSY – I

Time: 3 hours

Max. Marks: 70

PART – A

(Compulsory Question)

- 1 Answer the following: (10 X 02 = 20 Marks)
- Define pharmacognosy.
 - Write the contributions of Egyptians/Greeks towards the earlier development of pharmacognosy.
 - What is polyploidy?
 - Write a note on auxins.
 - Write the source, constituents and uses of honey.
 - Define and classify carbohydrates.
 - What are galls?
 - Write a short note on nylon.
 - Discuss the chemical tests for fixed oils with examples.
 - What are the uses of hydnocarpus oil?

PART – B

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

UNIT – I

- 2 Write an essay on history, development, present status and future scope of pharmacognosy.

OR

- 3 Discuss about the natural drugs of marine and mineral origin with examples.

UNIT – II

- 4 Explain various classification of crude drugs with special importance to serotaxonomy.

OR

- 5 Write WHO guidelines on Good Agricultural and Collection Practices (GACP) for medicinal plants.

UNIT – III

- 6 Discuss the pharmacognosy of isapgol.

OR

- 7 Write the biological source, family, chemical constituents and chemical tests for starch.

UNIT – IV

- 8 Define and classify tannins. How will you differentiate Black Catechu and Pale Catechu?

OR

- 9 Write in detail about plant fibres.

UNIT – V

- 10 Explain the source, preparation, constituents, chemical tests and pharmaceutical uses of shark liver oil.

OR

- 11 Define and classify lipids. Add a note on the properties, extraction methods and chemical tests for the same.
