

Code: 13R00503

R13

B.Pharm III Year I Semester (R13) Supplementary Examinations November 2017

PHARMACOGNOSY – II

Time: 3 hours

Max. Marks: 70

PART – A

(Compulsory Question)

1 Answer the following: (10 X 02 = 20 Marks)

- (a) Write a short note on volatile oils.
- (b) Define resins with example.
- (c) Write an account on glycoside.
- (d) What is alkaloid? Explain with an example.
- (e) Write a short note on glycoalkaloids.
- (f) Define enzyme. Give examples of enzymes.
- (g) Write about the secondary metabolites.
- (h) Write a short note on extraction.
- (i) Define balsam. Give examples.
- (j) Write a short note on crude drugs.

PART – B

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

UNIT – I

2 Write the physical, chemical properties and extraction of volatile oils.

OR

3 Write about the systematic pharmacognostical study of clove.

UNIT – II

4 Write about various histological characters of digitalis.

OR

5 Write various properties and general chemical tests of bitter glycosides.

UNIT – III

6 Discuss about T.S of cinchona.

OR

7 Write about the chemical constituents and uses of opium and ergot.

UNIT – IV

8 Discuss about biogenesis of secondary metabolites and their pharmaceutical importance.

OR

9 Discuss about various factors affecting the process of extraction with suitable examples.

UNIT – V

10 Write the biological source, preparation and identification of papain.

OR

11 Explain in detail about study of diastases.
