

Code: 9R01503

R09

B.Pharm III Year I Semester (R09) Supplementary Examinations November 2017

PHARMACOGNOSY – II

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

- 1 (a) Define glycosides and discuss in detail the source, family, chemical constituents, macroscopy, microscopical characters and uses of digitalis.
(b) Discuss about the chemical tests for aloe.
- 2 Define alkaloids and classify them. Explain in detail about the source, chemical constituents and uses of atropa and opium.
- 3 (a) What are tannins and classify them? Discuss about two tannin containing drugs.
(b) Distinguish the pale and black catechu by chemical test.
- 4 (a) What are resins and classify them? Explain in detail about the devil's dung.
(b) Discuss about the resinous drug useful to treat cancer.
- 5 Write the biological source, preparation method, and uses of:
(a) Papain.
(b) Pepsin.
- 6 (a) What are secondary metabolites? Give examples.
(b) Explain in detail the secondary metabolites of shikimic acid pathway.
- 7 Discuss about the following in detail:
(a) Bentonite.
(b) Keisulghur.
- 8 Give examples of plants used as natural dyes and narrate their applications.
