

PHARMACOGNOSY – II

Time: 3 hours

Max. Marks: 70

PART – A

(Compulsory Question)

- 1 Answer the following: (10 x 02 = 20 Marks)
- (a) Define volatile oil and classify it.
 - (b) Give the chemical test for Anthraquinone glycosides.
 - (c) Define bitter glycosides.
 - (d) Define secondary metabolite.
 - (e) Write principle of extraction.
 - (f) Give uses of Asafoetida.
 - (g) What is alkaloid?
 - (h) Give biological source of ergot.
 - (i) Give identification test of diastase.
 - (j) Give identification test of pepsin.

PART – B

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

UNIT - I

- 2 Define resins. Give the properties and classification of resins.
- OR**
- 3 Give biological source, chemical constituents and uses of following drugs:
- (a) Mentha.
 - (b) Cinnamon.
 - (c) Nutmeg.
 - (d) Eucalyptus.

UNIT - II

- 4 Describe in detail Cardioactive glycosides
- OR**
- 5 Give biological source, chemical constituents and uses of following drugs:
- (a) Glycyrrhiza.
 - (b) Aloe.
 - (c) Chirata.
 - (d) Cascara.

UNIT - III

- 6 Give detailed Pharmacognostic accounts on Tobacco and Vinca.
- OR**
- 7 Write short note on Kurchi and Cinchona.

UNIT - IV

- 8 What is extraction? Describe the factors affecting extraction.
- OR**
- 9 Write short note on general biosynthetic pathway and metabolic pathway.

UNIT - V

- 10 Give biological source, preparation and uses of following enzymes:
- (a) Diastase.
 - (b) Pepsin.
- OR**
- 11 Write short note on: (a) Trypsin. (b) Papain.