

PHARMACOGNOSY – I

Time: 3 hours

Max. Marks: 70

PART – A

(Compulsory Question)

- 1 Answer the following: (10 X 02 = 20 Marks)
- (a) Define un-organized drugs with examples.
 - (b) Write the applications of auxins and cytokinins.
 - (c) Define chemotaxonomy.
 - (d) Differentiate between plant fibres and animal fibres.
 - (e) Explain drying process/techniques of crude drugs.
 - (f) Write the sources and uses of Gaur gum.
 - (g) Write Goldbeater's skin test.
 - (h) Write chemical nature of pectin.
 - (i) Write source, c.c and uses of rice bran oil.
 - (j) Define Ester value and saponification value.

PART – B

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

UNIT – I

- 2 Define pharmacognosy. Write the development, history and scope of pharmacognosy.

OR

- 3 Write the biological source, chemical constituents and uses of two drugs from Marine and Animal sources.

UNIT – II

- 4 Discuss WHO guidelines on GACP for medicinal plants.

OR

- 5 Define polyploidy, mutation and hybridization. Write their applications in improving the quality and quantity of crops.

UNIT – III

- 6 What are carbohydrates? Describe the pharmacognostic study of Acacia and Agar.

OR

- 7 Describe the pharmacognosy of starch and isabgol.

UNIT – IV

- 8 Write the source, c.c, chemical tests and uses of pale catechu and black catechu.

OR

- 9 Write the source, preparation and identification of silk and wool.

UNIT – V

- 10 Describe the systemic pharmacognosy of cod liver oil.

OR

- 11 Describe the systemic pharmacognosy of shark liver oil.
