

Con. 4944-08.

Nov. 08

Pharmacognosy-II
(2 Hours)

Sem VII

RS-4730

[Total Marks : 35

2008-09

N.B. :- (1) Question No. 1 is **compulsory**.

(2) Attempt any **four** questions from remaining **six** questions.

(3) Give structures and **diagrams** wherever applicable.

1. (a) Give complete biosynthesis, biological sources and uses of Ephedrine or Hyoscine. 4
(b) Give an account of proteolytic enzymes of vegetable origin. 3
 2. Give preparation, chemistry and applications of Guar Gum and Castor oil. 7
 3. Explain the biological sources, phytochemistry and uses of Ergot and Pepper. 7
 4. Give an account of the following :— 7
(a) Evaluation of fixed oils. (b) Cotton and Jute.
 5. Explain the following :— 7
(a) Chemical tests for detection of indole alkaloids and Agar.
(b) Sources, preparation and uses of Gelatin and Bees Wax.
 6. Give a complete account of Opium Alkaloids. 7
 7. Write on the following :— 7
(a) Sterculia Gum. (b) Mustard Oil.
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