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Total Number of Pages : 01

M.Pharm
M.PH2F.1

2nd Semester Regular / Back Examination 2018-19

INDUSTRIAL PHARMACOGNOSY - I

BRANCH :PHARMACOGNOSY

Time : 3 Hours

Max Marks : 70

Q.CODE : F279

Answer Question No.1 which is compulsory and any FIVE from the rest.

The figures in the right hand margin indicate marks.

- Q1** **Answer the following questions :** **(2 x 10)**
- a) Define Unorganized drug.
 - b) Principles of Homeopathic system of medicine.
 - c) Write a commercial utilization of Atropine.
 - d) Enumerate Genetic factor effecting on Cultivation of plants.
 - e) Define Point Mutation.
 - f) Post harvesting care for Lemmon Grass.
 - g) Commercial importance of Pectin.
 - h) Collection method of Opium latex.
 - i) Commercial utilization of Quabain and Nimbidine .
 - j) Define Hybridization.
- Q2** a) Write a note on environmental Factors affected on cultivation of plant drug. **(5)**
 b) Discuss on various methods for disease management of cultivated medicinal plant. **(5)**
- Q3** a) Write a note on Ayurvedic System of medicine. **(5)**
 b) Write a note on surgical sutures and Ligatures . **(5)**
- Q4** a) Discuss the post harvesting care to be taken for Safed musli and Ginseng . **(5)**
 b) What are Growth Regulators? Discuss on Indole-3 Acetic Acid. **(5)**
- Q5** a) Write a note on commercial cultivation techniques for Lemon grass and Aloe. **(5)**
 b) Discuss commerce and manufacturing profile of Starch and Gelatin. **(5)**
- Q6** Write a note on commercial cultivation and post harvesting care for Ergot, Digitalis and Sandal wood. **(10)**
- Q7** Write a note on Isolation, Estimation and Utilization of Sennosides and Vinblastine and Vincristine. **(10)**
- Q8** **Write short answer on any TWO :** **(5 x 2)**
- a) Polyploidy
 - b) Distribution of Unorganized plant drugs
 - c) Commercial manufacturing and utilization of Papain