

PARUL UNIVERSITY
FACULTY OF PHARMACY
B. Pharm. Summer 2018-19 Examinations

Semester: 3**Subject Code: 08101206****Subject Name: Basics of Pharmacognosy****Date: 27/04/2019****Time: 10:00am To 01:00pm****Total Marks: 75****Instructions:**

1. Figures to the right indicate full marks.
2. Make suitable assumptions wherever necessary.

Q.1 Essay type Questions. (Any 2 out of 3) (10 marks each) (20)

1. Explain detail classification of carbohydrates.
2. Explain the term Pharmacognosy. Discuss its history and development.
3. List out the factors affecting cultivation of plants. Write a note on Polyploidy and Hybridization.

Q.2 Short Essay type Questions. (Any 7 out of 9) (5 marks each) (35)

1. Write a note on Plant growth promoters.
2. Describe chemical classification of crude drugs with its advantage and disadvantage.
3. Give detail pharmacognosy of Isapgul.
4. Short note: Soil and soil fertility.
5. Discuss modifications in root.
6. Write in brief about xylem and xylem components as plant tissue.
7. Explain five chemical properties of fats and fixed oils.
8. Write Pharmacognosy of Cod liver oil.
9. Give short note on Ergastic substances of plant cell.

Q.3 Answer in short. (2 marks each) (20)

1. How honey is produced?
2. Discuss shapes of bark drug.
3. Write difference between Gum and Mucilage.
4. Explain phyllotaxy of leaf.
5. Write biological source and uses of Agar.
6. Differentiate monocot and dicot stem.
7. Explain the function of phloem and collenchyma in plant.
8. Write four points of differences for Organized Vs. Unorganized crude drugs.
9. Write biological source, chemical constituents and uses of castor oil.
10. Describe brief about Beeswax.