

PARUL UNIVERSITY
FACULTY OF PHARMACY
B.Pharm., Winter 2019-20 Examination

Semester: 3**Subject Code: 08101206****Subject Name: Basics of Pharmacognosy****Date: 29/11/2019****Time: 2:00 pm to 5:00 pm****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. Define Pharmacognosy. Discuss history, scope and importance of Pharmacognosy.
2. Give details about factors affecting the cultivation, collection and processing of crude drugs.
3. Write a short note on Ergastic substances.

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

1. Enlist classification of crude drugs. Explain pharmacological classification with examples.
2. Define and classify carbohydrates.
3. Define leaf. Give types of apex of the leaf with diagram.
4. Which are the different sources of crude drugs? Explain with examples.
5. Write note on pharmacognosy of Linseed oil.
6. Define and classify Lipids. Give chemical test for Lipids.
7. Define stem. Classify modification of stem and discuss in detail underground modification of stem.
8. Write synonym, biological source, family, chemical constituents & uses of Isabgul.
9. Draw detailed labeled diagram of T.S. of Dicot leaf and Monocot leaf.

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

1. Define and classify fruits.
2. Discuss method of preparation of Honey.
3. Write functions of root.
4. Differentiate fixed oil and volatile oil.
5. Write uses of Castor oil.
6. Give identification tests for starch.
7. What is the significance of iodine value and saponification value?
8. Define Stomata. Write different types of stomata.
9. Differentiate terms organized and unorganized crude drugs.
10. Differentiate monocot and dicot leaf on the basis of their venation.