

PARUL UNIVERSITY
FACULTY OF PHARMACY
B.Pharm., Winter 2018-19 Examination

Semester: 3**Subject Code: 08101206****Subject Name: Basics of Pharmacognosy****Date: 15/12/2018****Time: 10:00 am to 1:00 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 it in healthcare.
2. Write a short note on: Non living substances (Ergastic substances).
3. Enlist the factors affecting the cultivation, collection and processing of crude drugs. Write a note on Extrinsic factor.

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

1. Enumerate classification of crude drugs. Discuss pharmacological classification of it.
2. Define stem. Classify modification of stem and discuss in detail underground modification of stem.
3. Write note on pharmacognosy of Isabgul.
4. Define leaf. Write functions of leaf. Give types of margin of the leaf with diagram.
5. Write a note on sources of crude drugs
6. Define carbohydrates and classify it.
7. Define Lipids. Write classification of it and chemical test for it.
8. Write synonym, biological source, family, chemical constituents & uses of Linseed oil.
9. Draw detailed labeled diagram of Dicot Stem and Monocot Stem.

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

1. Define: (a) Stomata (b) Trichome
2. Differentiate fixed oil and volatile oil.
3. Differentiate terms organized and unorganized crude drugs.
4. Give identification tests for Starch and Castor oil.
5. Define Iodine value and Saponification value.
6. Define Polyploidy and Hybridization.
7. What is root? Write functions of root.
8. Discuss method of preparation of Honey.
9. Differentiate monocot and dicot leaf.
10. Classify fruits.