

PARUL UNIVERSITY
FACULTY OF PHARMACY
Pharm.D Examination May - 2018

Year: 2**Subject Code: 08207203****Subject Name: Pharmacognosy & Phytopharmaceuticals****Date: 11/05/2018****Time: 2:00pm to 5:00pm****Total Marks: 70****Instructions**

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

Q.1 Essay Type Questions. (any 2 out of 3) (15 Mark Each) (30)

1. Define Crude drug. Write Pharmacological and Chemical classification of crude drugs in detail with merits and demerits.
2. Define Carbohydrate. Write its detail classification citing example.
3. Enumerate factors affecting cultivation of crude drugs. Write in detail about mutation, polyploidy, and hybridization.

Q.2 Short Essay Type Questions. (any 4 out of 5) (5 Mark Each) (20)

1. Define Pharmacognosy. Write history and scope of Pharmacognosy.
2. Give description of various Protein analysis methods.
3. Write a note on microscopy and powder microscopy of bark drug.
4. Write about chemical properties of fats and fixed oils.
5. Short note: Cultivation Methods of crude drugs

Q.3 Short Answers. (2 Mark Each) (20)

1. Write definition and properties of Alkaloids.
2. Write source, preparation method, constituents and uses of shark liver oil.
3. Give a note on Plant Insecticides.
4. Define Resin and Glycosides.
5. Write biological source and preparation method of Honey.
6. Enlist cell wall constituents and cell inclusions.
7. Give pharmacognosy of Cotton as plant fiber.
8. Write biological source and preparation method of Castor oil.
9. Write biological source, constituents and uses of Isapgol.
10. Explain: Adulteration and Sophistication.