

PARUL UNIVERSITY
FACULTY OF PHARMACY

Pharm.D April – 2019 Examination

Year: 2**Subject Code: 08207203****Subject Name: Pharmacognosy and Phytopharmaceuticals****Date: 20/04/2019****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 Protein. Give its classifications and analytical methods for protein analysis.
2. Define Glycosides. Discuss its properties and classification with examples.
3. Enumerate factors affecting on cultivations. Write in detail mutation, polyploidy, hybridization .

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

1. Classify crude drugs based on chemical and pharmacological.
2. Define and classify carbohydrates. Write in detail about acacia.
3. Define and classify fibers. Write in detail about any one fiber.
4. Define Pharmacognosy. Write history and scope of pharmacognosy.
5. Write morphology and microscopical characteristics of any leaf drug.

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

1. Write source, preparation method, constituents and uses of shark liver oil.
2. Write a note on honey.
3. Name few cell inclusions.
4. Define adulteration. Mention the types of adulteration.
5. Give chemical tests for identification of tannins.
6. Differentiate organized and unorganized crude drugs.
7. Give B. S. Family, C. C. and pharmaceutical uses of tragacanth.
8. Enlist analysis methods for lipids.
9. Explain Iodine value and Saponification value.
10. Give examples of natural pesticides.