

Seat No: \_\_\_\_\_

Enrollment No: \_\_\_\_\_

**PARUL UNIVERSITY**  
**FACULTY OF PHARMACY**

**Pharm.D Supplementary Examination November 2017**

**Year: 2**

**Subject Code: 08207203**

**Subject Name: Pharmacognosy and Phytopharmaceuticals**

**Date: 14/11/2017**

**Time: 10:00 am to 1:00 pm**

**Total Marks: 70**

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**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. Discuss factors affecting cultivation and collection in detail and write about storage of crude drugs.
2. Define and classify crude drug. Explain each class in detail with merits, demerits and examples.
3. Define cell. Give a note on various living and non living cell inclusions.

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

1. Write definition, history and scope of pharmacognosy.
2. Write about microscopical and powder microscopical characters of leaf drug.
3. Analytical methods for protein analysis.
4. Types of adulteration in crude drugs.
5. Give a note on natural pesticides.

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

1. Give difference between organized and unorganized drugs with examples.
2. Draw schematic and detail microscopy of Isapghula.
3. Explain Iodine value and Acid value.
4. Give a note on Cotton.
5. Write pharmacognosy of Honey.
6. Write pharmacognosy of Acacia.
7. Write pharmacognosy of Na- alginate.
8. Write pharmacognosy of Castor oil.
9. Write pharmacognosy of Sesame oil.
10. Write pharmacognosy of Linseed oil.