

**MODEL PAPER**  
**Hemchandracharya North Gujarat University, Patan**  
**Bachelor of Vocation**  
**'Pharmaceutical Chemistry' Semester - II**  
**END TERM Examination, May 2017**  
**Subject: Fundamentals of Pharmacognosy(PC215)**

**Time: 2 hrs**

**Date :05/05/2017**

**\Maximum marks: 50**

**Q.1 Answer any 9 questions. Each question carries 1 mark (9\*1=9Marks)**

**(OBJECTIVE QUESTIONS)**

1. In Egypt, scientific knowledge mentioned in \_\_\_\_\_, an ancient document written in 1550 BC.
2. Pharmacognosy = \_\_\_\_\_ + \_\_\_\_\_.
3. Define Phyllotaxy.
4. Wood is made up of \_\_\_\_\_ tissue.
5. An Apple is a \_\_\_\_\_ type of fruit.
6. \_\_\_\_\_ hormone is required for growth improvement of dwarf plant.
7. Glycosides consist of \_\_\_\_\_ and \_\_\_\_\_.
8. Define crude drug.
9. Fruit is made up of two parts namely \_\_\_\_\_ and \_\_\_\_\_.
10. Leaf drug should be collected during its flowering season. State True / False.

**Q. 2 Answer any 5 questions. Each question carries 4 marks**

**(5\*4=20 Marks)**

**(SHORT QUESTIONS)**

1. Write about morphological classification of crude drugs.
2. Write in detailed external factors effecting in cultivation of crude drugs.
3. Differentiate between Xylem and Phloem.
4. Draw floral formula and floral diagram of Solanaceae family.
5. Draw floral formula and floral diagram of Malvaceae family.
6. Explain Polysaccharides.

**Q.3 Answer any 3 question. The question carries 07 marks**

**(3\*7=21 Marks)**

1. Define adulteration. Discuss the methods of adulterations with suitable examples.
2. Define the term Pharmacognosy. Write a note on scope and development of Pharmacognosy?
3. Define carbohydrates. Give classification and chemical tests for carbohydrates with examples.
4. Write on pharmacological classification of crude drugs with proper examples.