

# Hemchandracharya North Gujarat University, Patan

B.Voc Pharmaceutical Chemistry, Semester - II

Semester End Examination June 2015

**Subject:** Fundamentals of Pharmacognosy PC 215

**Time:** 2 hrs

**Date:** 05/05/2015

**Marks:** 50

**Q. 1 Answer any 10 question. (Each question carries 1 mark) [10 x 1= 10]**

1. \_\_\_\_\_ is the Name of scientist who coined term pharmacognosy.
2. Alkaloids are biosynthesized from \_\_\_\_\_.
3. \_\_\_\_\_ is the secondary metabolites of the plant that are having phenolic ring in its chemical structure.
4. \_\_\_\_\_ is the example of pathogenic or abnormal product of plant metabolism.
5. In pseudo alkaloids, nitrogen atom is present in \_\_\_\_\_. (Ring, outside ring, functional group, terpene)
6. \_\_\_\_\_ as altitude increases, bitterness of Gentian \_\_\_\_\_. (Increase/Decrease)
7. \_\_\_\_\_ is one of the example of plant growth regulator.
8. Glycoside upon hydrolysis produces \_\_\_\_\_ & \_\_\_\_\_.
9. \_\_\_\_\_ is the example of tissue, having function of mechanical protection in plants.
10. The secondary tissues laying outside the cambium are called \_\_\_\_\_.

**Q.2 Answer any 5 question. (Each question carries 6 marks) [6 x 5 = 30]**

1. Write a note on Honey.
2. What are alkaloids? Discuss classification of alkaloids.
3. Write a note on drug of your syllabus that is used as a bulk laxative.
4. Discuss in detail complex tissues of plant.
5. Give Morphological and microscopical differences between Monocot and dicot roots and stems.
6. Write a note on plant growth regulators.

**Q.3 Answer any 1 question. (Each question carries 10 marks) [1 x 10 = 10]**

1. What is crude drug evaluation? Enumerate various types of crude drug evaluation and discuss any one method of crude drug evaluation.
2. What is fruit? Give classification with example of types of fruits.

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