

**Pramukh Swami Science and H.D Patel Arts College, Kadi**

B.Voc Pharmaceutical Chemistry

Internal Examination Semester II

**Subject:** Fundamentals of Pharmacognosy PC 215

Time: 2 hrs

Marks: 50

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

1. \_\_\_\_\_ is the example of unorganized drug.
2. \_\_\_\_\_ are the examples of secondary metabolite
3. \_\_\_\_\_ is the general test for the identification of carbohydrates.
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. \_\_\_\_\_ is the drug of your syllabus that is used as excipients for making colon specific tablet.
7. \_\_\_\_\_ is the sugar present in honey.
8. Glycoside upon hydrolysis produces \_\_\_\_\_ & \_\_\_\_\_.
9. \_\_\_\_\_ are the secondary plant metabolites having phenolic structures.
10. The secondary tissues laying outside the cambium are called \_\_\_\_\_.

**Q.2 Answer any 4 questions. (Each question carries 5 marks) [4 x 5= 20]**

1. What are carbohydrates? Give biological source, chemical constituents & uses of Agar.
2. Define alkaloids. Discuss classification of alkaloids.
3. What are glycosides? Give classification of glycosides.
4. What are volatile oils? Discuss general properties of volatile oil.
5. Write a note on Ghodajiru
6. Write a note on pectin

**Q.3 Answer any 4 questions. (Each question carries 5 marks) [4 x 5= 20]**

1. What is root? Differentiate monocot root from dicot root.
  2. What is fruit? Give classification with example of types of fruits.
  3. What is leaf? Discuss different modifications of leaf.
  4. What is stem? Differentiate monocot stem from dicot stem.
  5. What is aestivation? Draw diagram of different aestivations of petals.
  6. Write a note on morphology of flowers.
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