Hemchandracharya North Gujarat University,Patan

Bachelor of Vocation

'Pharmaceutical Chemistry' Semester - II

Internal Examination March 2019

Subject: Fundamentals of Pharmacognosy (PC215)

Time: 2 hrs **Date:29/03/2019** **Maximum marks: 60**

Q.1 Answer any 12 questions. Each question carries 1 mark **[12*1=12]**

1. Define Pharmacognosy.
2. Define: Adultration
3. Pharmacognosy is derived From _____ &_____ words.
4. Write B.S. of Tragacanth & Guar gum..
5. Lactose on hydrolysis give _____ & _____.
6. Maltose on hydrolysis give _____ & _____.
7. Enlist classification of crude drug
8. Match of the following

Carbohydrates	Types
A) Maltose	Tetrasachharides
B) Galactose	Disachharide
c) Stachyose	Monosachharide

9. Write chemical test for Carbohydrates.
10. Match the carbohydrate with its source.

(a) Starch	(i) Gum exudate
(b) Acacia	(ii) Insect
(c) Honey	(iii) Red algae
(d) Agar	(iv) Potato

11. Define: Crude drug
12. Write use of Pectin
13 Write Identification test of Acacia.

Q.2 Answer any 5 questions. Each question carries 04 marks **[5*4=20]**

1. Brief on guar gum.
2. Write a note on Polysaccharides.
3. What is Cultivation & write advantage & disadvantage of it.
4. Write morphology of Leaf or Write Biological source, cultivation collection, chemical constituents & use of Honey
5. Write a note Plant growth regulators.
6. Write Classification of Crude drug.

Q.3 Answer any 4 questions. Each question carries 07 marks **[4*7=28]**

1. Short note on type of Adulteration.
2. Write Biological source, cultivation collection, chemical constituents & use of Acacia.
3. Write Classification of Carbohydrate.
4. Write a note on Isapgul or starch
5. Write a note on Scope of Pharmacognosy.