

Hemchandracharya North Gujarat University, Patan  
Bachelor of Vocation

Pharmaceutical Chemistry Semester VI

Internal Examination, March 2019

Subject : Phytochemistry (PC 615)

Time: 2 hrs

Date: 29/03/2019

Marks: 60

Q.1 Answer any 12 questions. Each question carries 1 mark

[12\*1=12]

1. Define Phytochemistry.
2. Write B.S. of colophony & Capsicum.
3. Write a Goldbeater's skin test for Tannin.
4. Define: Resenes.
5. Match of the following  

Resin	Example
A) Acid resin	Asafoetida
B) Glycoresin	Colophony
C) oleo gum resin	Ipomoea
D) Ester resin	Benzoin
6. What is Pseudotannin?
7. Write Example of Condensed Tannin.
8. True /False: Jalap consist of dried tubercles of Ipomoea Purga hayne, family Convolvulaceae.
9. What is Balsam resin?
10. \_\_\_\_\_ drug has cytotoxic Activity. ( Podophyllum, Myrrh)
11. Write B.S. & use of Eucalyptus oil.
12. Enlist classification of Resin.
13. Write biological source of Capsicum.

Q.2 Answer any 5 questions. Each question carries 04 marks

[5\*4=20]

1. Write Down classification of tannin.
2. How to Difference between siam Benzoin & Sumatra Benzoin .
3. Write down different isolation method for Volatile oil Or resin.
4. How to differentiate Pale Catechu & Black Catechu
5. Write a B.S & C.C. of Nutmeg, Dill & Sandalwood.
6. Write B.S, Preparation, c.c & use of Harde (Myrobalan).

Q.3 Answer any 4 questions. Each question carries 07 marks

[4\*7=28]

1. Write a B.S, C.C & use of Cannabis, & also Write Collection & preparation of Ganja & Chars.
2. Write down note on Clove.
3. Write Biological source, cultivation collection, chemical constituents, Identification test & use of Asafoetida.
4. Write a note on Ginger.
5. Brief on Black Catechu.