

Hemchandracharya North Gujarat University, Patan
Bachelor of Vocation

'Pharmaceutical Chemistry' Semester - VI

END TERM Examination April, 2018

Subject: Subject Phytochemistry (PC 615)

Time: 2 hrs

Date: / /2018

Maximum marks: 50

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

1. Define Phytochemistry.

2. Match of the following

Resin	Example
A) Acid resin	Asafoetida
B) Glycoresin	Colophony
C) oleo gum resin	Ipomoea
D) Ester resin	Benzoin

3. Define: Resenes

4. Write B.s of Fennel.

5. Define : Volatile oil

6. Write a use of Sa.ndalwood

7. What is Balsam resin?

8. Write a Goldbeate's skin test for Tannin.

9. Define: Alkaloid

10. Glycoside , on hydrolysis give _____ & _____.

11. Write a biological source & use of Mentha.

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

1. Write a Difference between siam Benzoin & Sumatra Benzion

2 Discuss physical and chemical properties of tannins

3. Write Down classification of Resin with example.

4. Give identification test for Alkaloid, Glycoside, Resin.

5. Write B.S, Preparation, c.c & use Ginger.

6. Write B.S, Preparation, c.c & use Turmeric.

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

(3*7=21 Marks)

1. Discuss different methods for Isolation of phyto constituents.

2. Write Biological source, cultivation collection, chemical constituents, Identification test & use of Pale Catechu.

3. Write a note on Clove.

4. Explain different type of Tannin.