

**PARUL UNIVERSITY**  
**FACULTY OF PHARMACY**  
**B. Pharm. Winter 2022 - 23 Examination**

Semester: 5

Subject Code: BP504T

Subject Name: Pharmacognosy and Phytochemistry II

Date: 18/10/2022

Time: 10:00am to 1:00pm

Total Marks: 75

**Instructions:**

1. Figures to the right indicate maximum marks.
2. Make suitable assumptions wherever necessary.

**Q.1 Multiple Choice Questions (MCQs) (1 Mark Each)****(20)**

1. \_\_\_\_\_ is synonym for Belladonna Herb.  
a) Sag-angur Patti  
b) Mahuang  
c) Madagascar  
d) Jesuits Bark
2. Phytoconstituents of liquorice are from \_\_\_\_\_ chemical class  
a) Alkaloid  
b) Resin  
c) Saponin Glycoside  
d) Anthraquinone Glycoside
3. \_\_\_\_\_ Anthraquinone Glycoside requires oxidative hydrolysis.  
a) O  
b) C  
c) Z  
d) A and B
4. Salt form of alkaloid are soluble in \_\_\_\_\_.  
a) Water  
b) Chloroform  
c) Hexane  
d) Petroleum Ether
5. \_\_\_\_\_ is added to precipitate out excess lead while isolation of Caffeine from tea dust.  
a) Lead acetate  
b) H<sub>2</sub>SO<sub>4</sub>  
c) Chloroform  
d) None of these
6. Diosgenin is a precursor for synthesis of,  
a) Anthraquinones  
b) Terpenoids  
c) Cardiac glycoside  
d) Steroids
7. Which of the following is considered as modern method of extraction?  
a) Liquid phase micro extraction  
b) Maceration  
c) Percolation  
d) All of these
8. \_\_\_\_\_ is anticancer drug from following.  
a) Digoxin  
b) Clove  
c) Cinnamon  
d) Taxol
9. Select the secondary metabolite that's used in leather industry.  
a) Tannins  
b) Resin  
c) Volatile oil  
d) Alkaloid
10. Positive Meconic acid test indicates presence of,  
a) Cardiac Glycoside  
b) Indole alkaloid  
c) Opium alkaloid  
d) None of these
11. Identify anti-malarial Phytoconstituent.  
a) Artemisinin  
b) Atropine  
c) Podophyllotoxin  
d) Curcumin
12. IR spectroscopic techniques used for identification of,  
a) Molecular mass  
b) Functional group  
c) Number of Hydrogen in structure  
d) Number of Carbon in structure
13. \_\_\_\_\_ spectroscopy is known as vibrational rotational spectroscopy.  
a) IR  
b) MASS  
c) NMR  
d) UV
14. Digoxin is \_\_\_\_\_ in nature.  
a) Antihypertensive  
b) Cardiotonic  
c) Analgesic  
d) Laxative

