

**B. PHARM.**  
**(SEM-III) THEORY EXAMINATION 2019-20**  
**PHARMACOGNOSY-II**

**Time: 3 Hours****Total Marks: 100****Note:** Attempt all Sections. If require any missing data; then choose suitably.**SECTION A****1. Attempt all questions in brief. 2 x 10 = 20**

a.	Define resins and give examples.
b.	Write biological source and uses of Turmeric.
c.	Write biological source of Dill.
d.	Write chemical constituents and uses of oil from Mentha.
e.	Write 2 tests for detection of Saponin glycosides.
f.	Explain Dragendorff's test.
g.	What is the pharmaceutical significance of polyester?
h.	Write the medicinal use of Kaolin.
i.	Define tannins.
j.	Write biological source of galls.

**SECTION B****2. Attempt any three of the following: 10x3=30**

a.	Write a note on Ginger.
b.	Give an exhaustive note on Black pepper.
c.	Classify glycosides. Differentiate between Cardienolides and Bufadienolides.
d.	Write the pharmaceutical features and associated uses of Glass wool.
e.	Write a note on Harade.

**SECTION C****3. Attempt any one part of the following: 10x1=10**

a.	Write a note on applications of Shellac as medicine.
b.	Write pharmacognostical features of Benzoin.

**4. Attempt any one part of the following: 10x1=10**

a.	Describe various methods used for isolation of volatile oils from plants.
b.	Write a note on volatile oil from lemon peel.

**5. Attempt any one part of the following: 10x1=10**

a.	Give various methods of classification of Alkaloids along with various chemical identification tests.
b.	Write a note on Flavonoids.

**6. Attempt any one part of the following: 10x1=10**

a.	Write a note on the use of Nylon in pharmaceutical sciences.
b.	Write about the Natural colours.

**7. Attempt any one part of the following: 10x1=10**

a.	Write a pharmacognostical description of Gambier.
b.	Write about medicinal use of lemon grass oil.