

Paper Id: **150314**

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BPHARM
(SEM 3) THEORY EXAMINATION 2019-20
PHARMACOGNOSY - II

*Time: 3 Hours**Total Marks: 70***Note:** 1. Attempt all Sections. If require any missing data; then choose suitably.**SECTION A****1. Attempt all questions in brief.****2 x 7 = 14**

a.	Define asavas with examples.
b.	Give the biological source and chemical constituents of citronella.
c.	Give chemical constituents of nutmeg.
d.	Give any two marketed formulations of lehyas and gutikas.
e.	Give the preparation of shellac.
f.	Enlist some natural colors used in pharmaceutical preparations.
g.	Differentiate between rama tulsi and shyama tulsi.

SECTION B**2. Attempt any three of the following:****7 x 3 = 21**

a.	Discuss the principles of ayurvedic system of medicine.
b.	Define pharmacognostical profile of any two kalmegh, guggul lipid, ginseng.
c.	Differentiate between balsum of tolu and balsum of peru.
d.	Give the biological source macroscopy microscopy , chemical constituents and uses clove.
e.	How will you detect the presence of radioactive material in medicinal plant agents.

SECTION C**3. Attempt any one part of the following:****7 x 1 = 7**

(a)	Give a brief description of herbal pharmacopoeia and focus on churnas.
(b)	Discuss the methods of preparation of bhasmas with examples.

4. Attempt any one part of the following:**7 x 1 = 7**

(a)	How will you determine the presence of microorganisms in medicinal plants.
(b)	Classify pesticides.

5. Attempt any one part of the following:**7 x 1 = 7**

(a)	Give a note on kaolin and fullers earth.
(b)	Discuss biological source organoleptic properties and chemical constituents and uses of bael and guggulipid .

6. Attempt any one part of the following:**7 x 1 = 7**

(a)	Give the complete pharmacognostic profile of turmeric and ginger.
(b)	Discuss biological source preparation identification tests and uses of papain or penicillinase.

7. Attempt any one part of the following:**7 x 1 = 7**

(a)	Discuss complete profile of any one : mentha, fennel.
(b)	Compare the pharmacognostic study of silk and cotton.