

Total Pages : 4

H-BP-405

**B. Pharma (Semester- IV) Examination,
July 2022**

PHARMACOGNOSY AND PHYTOCHEMISTRY-I

Time Allowed : Three Hours

Maximum Marks : 75

Minimum Passing Marks : 28

Note : Question paper is divided into three sections. Attempt question of all three sections as per direction. Distribution of marks is given in each section.

SECTION-A

(Very Short Answer Type Question)

Note : Attempt **all** questions. Each question carries **2** marks.

[10x2=20]

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(1)

[P.T.O.]

1. Define Ash Value.
2. Define Swelling Index.
3. Define Extractive Value.
4. Define Pharmacognosy or Phytochemistry.
5. Define Crude drugs.
6. What is Mulching ?
7. Define Organogenesis.
8. What is Callus ?
9. Define Primary Metabolite.
10. Papain obtained from.

SECTION-B

(Short Answer Type Questions)

Note : Attempt **any seven** questions. Each question carries **5** marks. [7x5=35]

1. Define Organized drugs and Unorganized drugs with example.
2. Define Adulteration of drugs.
3. Define Quantitative Microscopy of Crude drugs.

4. What are the different factor which effect cultivation ?
5. Define Plant Hormones.
6. Application of Plant Tissue Culture.
7. Write the role of Pharmacognosy in Ayurveda.
8. Write Biological source, use and Chemical Nature of Bees way, and Chaulmoogra oil.
9. Write notes on Natural allergens.

SECTION-C

(Long Answer Type Questions)

Note : Attempt **any two** questions. Each question carries **10** marks. [10x2=20]

1. Write notes on Novel medicinal agents obtained from Marine source.
2. Define Pharmaceutical Aids, write general introduction, source, evaluation, use of Acacia, ayar and castor oil.
3. Write historical development of plan tissue culture any write nutritional requirements of PTC.

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