Total Pages : 12

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D. Pharmacy (Part-I) Examination, 2022

PHARMACOGNOSY

[Paper : Third]

Time Allowed : Three Hours

Maximum Marks : 80

Minimum Passing Marks : 27

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

SECTION-A

(Objective Type Questions)

1. Attempt **all 20** questions. **All** questions are **compulsory**. Each question carries **1** mark. [20×1=20]

(i) Aloe belongs to the family of :

(a) Polygonaceae

(b) Liliaceae

(c) Euphorbiaceae

(d) None of the above

(ii) Rhubarb is obtained from Rhizome of :

(a) Ricinus communis

(b) Aloe barbadeusis

(c) Rheum Palmatum

(d) None of the above

(iii) Castor oil contains :

(a) Gallic acid

(b) Cinnamic acid

(c) Ricinoleic acid

(d) All of the above

(iv) Which part of Ispaghula is used medicinally :

(a) Seed

(b) Leaves

(c) Rhizome

(d) Fruit

(v) Senna contains :

(a) Sennoside A

(b) Sennoside B

(c) Sennoside C

(d) All of the above

(vi) Which of the following is used as cardiotonics?

(a) Arjuna

(b) Rhubarb

(c) Senna

(d) Cinnamon

(vii) Cardamon belongs to the family of :

(a) Umbelliferae

(b) Piparaceae

(c) Combretaceae

(d) Zingiberaceae

(viii) Fennol obtained from dried ripe fruit of :

(a) Coraiannom Sativum

(b) Foeniculum vulgane

(c) Terminalia Arjuna

(d) None of the above

(ix) Turmeric is used as :

(a) Antiseptics

(b) Laxative

(c) Carminative

(d) Antitussive

(x) Amla contains :

(a) Vitamin A

(b) Vitamin B

(c) Vitamin C

(d) Vitamin D

(xi) Arjuna contains :

(a) Tannins

(b) Triterpenoid saponins

(c) Arjunic acid

(d) All of the above

(xii) Digital obtained from dried leaves of :

(a) Casia augustifolia

(b) Digitalis purpurea

(c) Termanalia Arjuna

(d) None of the above

(xiii) Crude drug with latin name withania somnifera is :

(a) Brahmi

(b) Ashwagandha

(c) Hyoscyamus

(d) Jpecae

(xiv) Keller killani test is identification test for :

(a) Digitalis

(b) Aloevera

(c) Senna

(d) Cinnamon

(xv) Alkaloids produce yellow precipitate with :

(a) Hager's reagent

(b) Wegner's reagent

(c) Mayer's reagent

(d) Dragendroff's reagent

(xvi) Drug adulteration due to microbial attack is known as :

(a) Substitution

(b) Spoilage

(c) Infeiority

(d) Sophistication

(xvii) The opium alkaloid papaver somniferom is obtained from :

(a) Leaf

(b) Root

(c) Seed

(d) Stem

(xviii) Clove oil is used in the manufacturing of :

(a) Salicylic acid

(b) Vanillin

(c) Cinnamic acid

(d) Benzoic acid

(xix) Holy Basil is the synonym for drug :

(a) Alpinio officirarom

(b) Allium Sativum

(c) Nardostachys jatarmonum

(d) Ocimum sanctum

(xx) Synonym for peppermint oil is :

(a) Mentha oil

(b) Oleum terbinthae

(c) Evcalyptus

(d) Chenoposon

SECTION-B

(Short Answer Type Questions)

Note: Attempt **any ten** questions. Each question carries **3** marks. [10x3=30]

1. History and scope of Pharmacognosy.

2. Taxonomical classification of crude drug.

3. Plant fibres and surgical dressing.

4. Phytochemical investigation of drugs.

5. Herbal Cosmetics.

6. Herbs as health food.

7. Ayurveda system of Medicine.

8. Define Glycosides and its types.

9. Morphological evaluation of crude drugs.

10. Homeopathy sytem of Medicine.

11. Herbal formulation.

SECTION-C

(Long Answer Type Questions)

Note : Attempt **any six** questions. **Each** question carries **5** marks. [6×5=30]

1. Define Crude Drugs and explain methods of classification of crude drugs.

2. Describe adulteration of crude drugs. How do you detect adulteration by organoleptic and microscopic characters?

3. Explain the morphology and microscopy of cinnamon bark with labelled diagram.

4. Explain Drug Evaluation. Describe various methods of Drug Evaluation.

5. Define Alkaloids. Explain the properties and classification of alkaloids with suitable example.

6. Discuss the biological source, chemical constituent and therapeutic use :

   (a) Rauvolfia

   (b) Vinca

7. Describe herbs as health supplements. Discuss therapeutic applications of Neutraceuticals and Antioxidants.

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