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Roll No.

2041173(041)

**Diploma in Pharmacy (First Year) Examination,
April-May 2022**

PCI (New Scheme)

(Part Time)

PHARMACOGNOSY

Time Allowed : Three hours

Maximum Marks : 80

Note : Attempt questions of all three sections as directed. Distribution of marks is given with sections.

Section-A

(Multiple Choice Questions) 20×1=20

Note : Answer all the questions.

1. Choose the correct answer :

(i) What is the botanical name of Aloe.

(a) Aloe barbadensis Miller

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- (b) Millipertuis
- (c) Saccred Bark
- (d) Rheum

(ii) Rheum palmatum is also knwon as

- (a) Ornamental rhubarb
- (b) Chinese rhubarb
- (c) Tuckey rhubarb
- (d) All of the above

(iii) Senna is used to treat

- (a) Cancer
- (b) Constipation
- (c) Diabetes
- (d) Hepatitis

(iv) Which is the following of the chemical test for digitalis?

- (a) Killer Killani test of digitoxose
- (b) Legal test
- (c) Baljet test
- (d) All of the above

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(v) Ashwagandha is common name for

- (a) Wrhania somniferum
- (b) Bacopa monnieri
- (c) Holarrhena antidysentrica
- (d) Centella asiatica

(vi) Shark liver soil is source of drug.

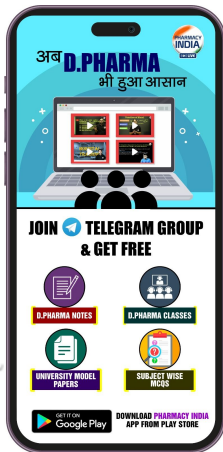
- (a) Animal
- (b) Mineral
- (c) Marine
- (d) Plant

(vii) Talk is source of drug.

- (a) Animal
- (b) Mineral
- (c) Marine
- (d) Plant

(viii) Tulsi obtained from the dried leaves of :

- (a) Ocium santum
- (b) Adhatoda vasica
- (c) Catharunthus roseus

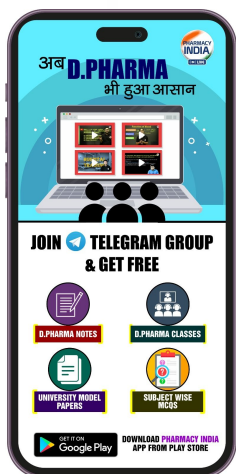


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- (d) None of the above
- (ix) The drug which used as antirheumatics :
- (a) Colchicum
(b) Tolu balsam
(c) Opium
(d) None
- (x) Choulmoogra oil used as :
- (a) Antitumour
(b) Antileprotics
(c) Antihypertensive
(d) All of the above
- (xi) Which one used as antihypertensive :
- (a) Vinca
(b) Rauwolfia
(c) Shark oil
(d) All of the above
- (xii) Which one is Antitumor drug?
- (a) Pterocarpas
(b) Amla

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- (c) Vinca
(d) All of the above
- (xiii) Which of the following is physical evaluation parameter of crude drug.
- (a) Ash value
(b) Extractive value
(c) Moisture content
(d) All of the above
- (xiv) Colour, order, taste of the drug belong to which type of evaluation :
- (a) Alphabetical
(b) Organoleptic
(c) Morphology
(d) Physical
- (xv) Which is the ancient system of medicine :
- (a) Sidha system
(b) Unani system
(c) Homeopathic system
(d) Ayurvedic system



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(xvi) Bhasma is known as in Sidha system.

- (a) Powder
- (b) Pills
- (c) Calcinated drug
- (d) Tablet

(xvii) Stomata are present on underside of :

- (a) Flower
- (b) Fruit
- (c) Seed
- (d) Leaf

(xviii) Tannis are present in :

- (a) Water
- (b) Environment
- (c) Wood bark
- (d) Alcohol

(xix) is not source of omega-3 fatty acids.

- (a) Seafood
- (b) Plant oils

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(c) Nuts

(d) Vegetables

(xx) Which of the following is the source of Sandal wood oil :

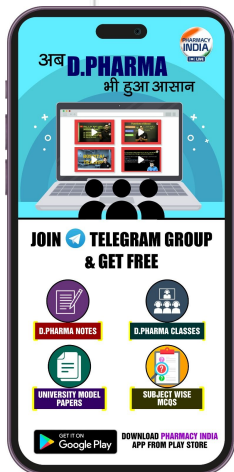
- (a) Rosmarinus officinalis
- (b) Ferraginea
- (c) Santatum Album Linn
- (d) Lavandula officinalis

Section-'B'

(Short Answer Type Questions) 10×3=30

Note : Attempt any ten questions. Each question carries 3 marks.

2. Write biological source, chemical constituents and uses of Senna.
3. Write biological source, chemical constituents and uses of Ergot.
4. Write biological source, chemical constituents and uses of Punarnava.



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5. Write biological source, chemical constituents and uses of Belladonna.
6. Describe the collection and preparation method of Rauwolfia for market.
7. Describe the collection and preparation method of opium.
8. What is Enzyme? Write biological source of papaya.
9. Describe pharmaceutical application of Acaccia.
10. Write therapeutic application of Omega-3 fatty acids.
11. Write the sources, chemical constituents, therapeutic and cosmetic uses of Sandal Wood Oil.
12. Write a note on physiochemical evaluation of crude drugs.

Section-‘C’

(Long Answer Type Questions) 6×5=30

Note : Attempt any six questions. Each question carries 5 marks.

13. Define pharmacognosy and scope of pharmacognosy.

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14. Write note on Ayurveda system of Medicine.
15. Write the classification of system of Natural Drugs.
16. Define adulteration. Discuss types of adulteration in brief.
17. Write the sources and preparation of Cotton and silk.
18. Write isolation method, identification tests and uses of Alkaloids.
19. Write a note on : (any one)
 - (a) Glycosides
 - (b) Volatile oils

