D.PHARM.
FIRST YEAR
PHARMACOGNOSY
ER20-13T
[USE OMR FOR OBJECTIVE PART]

SET
A

Duration : 3 hrs.

Full Marks : 80

(PART-A : Objective)

Choose the correct answer from the following: 1×20=20

1. Ayurveda is an ___
   a. Chinese system of medicine
   b. Siddha system of medicine
   c. Unani system of medicine
   d. Indian system of medicine

2. Who coined the term pharmacognosy
   a. Hippocrates
   b. Pelletier
   c. Aristotle
   d. Seydler

3. Which one of the following is not the example of seed drug
   a. Nux vomica
   b. Aloe
   c. Castor
   d. Ispaghula

4. According to Unani medicine human body contains......elements
   a. Five
   b. Six
   c. Four
   d. Three

5. Biological source includes ...
   a. Botanical name of plant
   b. Botanical name of plant or animal
   c. Native name of plant
   d. Both a & b

6. Which of the following having one or more pharmacological action
   a. Opium
   b. Fennel
   c. Digitalis
   d. Senna

7. Which method of classification is used in modern times....
   a. Taxonomical classification
   b. Pharmacological classification
   c. Chemical classification
   d. Chemo taxonomical classification

8. Which classification is helpful for the practical study of pharmacognosy
   a. Alphabetical
   b. Chemical
   c. Morphological
   d. Pharmacological

9. Plants used as purgative
   a. Opium
   b. Senna
   c. Vasaka
   d. Digitalis

10. Acellular drugs are also known as
    a. Organized drugs
    b. Unorganized drugs
    c. Vegetable drugs
    d. None of the above

11. Microscopic evaluation is done on the basis of the following except
    a. Stomata
    b. Alkaloidal content
    c. Starch granules
    d. Trichomes

12. Which of the following is not an organoleptic factor for the standardization of herbal drugs
    a. Odour
    b. Taste
    c. Moisture content
    d. Colour

13. Hager's reagent is
    a. Mercuric iodide solution
    b. Saturated of picric acid
    c. Potassium Bismuth iodide solution
    d. Potassium tri- iodide solution

14. Cinchona bark is tested by one of the following tests
    a. Keller killiani test
    b. Mayer's test
    c. Borntrager's test
    d. Fluorescence test

15. Which family does vasaka belong to
    a. Apocynaceae
    b. Acanthaceae
    c. Scrophularaceae
    d. Rutaceae

16. Ephedra stem contain
    a. Amino alkaloids
    b. Steroidal alkaloids
    c. Tropane alkaloids
    d. Purine alkaloids

17. Which of the following is prebiotic
    a. Lacto bacillus
    b. Yogurt
    c. Cheese
    d. All of the above

18. Extraction process in which aqueous solvent is used for extraction
    a. Infusion
    b. Decoction
    c. Maceration
    d. Both a & b

19. Traditional herbal formulation includes...
    a. Tablets
    b. Syrups
    c. Mixtures
    d. All of the above

20. Which of the following traditional medicine is liquid dosage form
    a. Churna
    b. Avaleha
    c. Asava
    d. Ghrita

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(PART-B : Short Answers)

[Answer any ten (10) from the following]

[3x10=30]

1. Define the term Pharmacognosy? Write details on Scope of Pharmacognosy. — 1+2=3

2. Write a note on alphabetical classification of crude drugs. — 3

3. What are alkaloids? Write about the classifications of alkaloids — 1+2=3

4. Write down the biological source, chemical constituents and uses of Myrrh. — 1+1+1 =3

5. What are Nutraceuticals and its therapeutic applications. — 1+2=3

6. Write the biological source, chemical constituents, therapeutic and cosmetic uses of Sandal wood oil. — 1+1+1 =3

7. Write down the biological source, chemical constituents and uses of Cinchona. — 1+1+1 =3

8. Define herbal medicine? What are the advantages and disadvantages of herbal medicines. — 1+1+1 =3

9. Differentiate between Drug and Medicine. — 1.5+1.5 =3

10. What is adulteration? Describe in brief the adulteration of crude drugs with examples. — 1+2=3

11. Write the tests of identification of glycosides. — 3

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(PART-C : Long Answers)

[Answer any six (6) from the following]

[5x6=30]

1. Discuss in brief the role of medicinal and aromatic plants in national economy. — 5

2. Explain the various methods of evaluation of crude drugs. — 5

3. Write a note on Sutures. — 5

4. Explain about phytochemicals investigation of drugs. — 5

5. What is Homeopathy system and how does it work? Describe its basic principles. — 1+1+3 =5

6. Differentiate between probiotics and prebiotics and how are they used for health benefits. — 1+1+3 =5

7. Explain about the herbal formulation of syrups. — 5

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