

**D.PHARM.  
FIRST YEAR  
PHARMACOGNOSY  
ER20-13T [REPEAT]**

Duration : 3 hrs.

Full Marks : 80

**(PART-A : Objective)**

*Choose the correct answer from the following:*

***1×20=20***

- The word "Pharmacognosy" is derived from two Greek words viz:
  - Pharmaco & Analycta
  - Pharmakon & Gignosco
  - Drug & Medicine
  - Analycta & Gignosco
- Gignosco/Gnosis means...
  - To collect the crude drug
  - To acquire the knowledge
  - To sell the crude drug
  - None of the above
- De Materia Medica was written by....
  - Theophrastus
  - Dioscorides
  - Aristotle
  - Elder
- Who regarded the first Pharmacist of the world?
  - Galen
  - Aristotle
  - Hippocrates
  - William withering
- Who is known as father of medicine?
  - Aristotle
  - Seydler
  - Hippocrates
  - Theophrastus
- Which of the following is an example of glycosides?
  - Guggul
  - Ginger
  - Senna
  - Benzoin
- Which of the following is the pharmaceutical application of volatile oils?
  - Sedative
  - Carminative
  - Antiseptic
  - All of the above
- Gold-beater skin test is used for identification of
  - Alkaloids
  - Glycoside
  - Tannins
  - Resins
- Which plant contains resins
  - Ginger
  - Coriander
  - Fennel
  - Ergot
- In what percentage volatile oil is present in black paper?
  - 5 to 10%
  - 50 to 75%
  - 30 to 40%
  - 1 to 2.5%

11. Which chemicals are present in black catechu
  - a. Catechin
  - b. Catechol
  - c. Both A&B
  - d. None of these
12. Which Terpenoids is present in clove oil?
  - a. Menthol
  - b. zingiberol
  - c. Eugenol
  - d. Santanol
13. Example of antiseptic and disinfectants
  - a. Rosemary oil
  - b. Turmeric
  - c. Pterocarpus
  - d. None of the above
14. Peruvian bark is the synonym of
  - a. Vinca
  - b. Pterocarpus
  - c. Ipecacuanha
  - d. cinchona
15. Who invented Homeopathic system of medicine?
  - a. Seydler
  - b. Samuel Hahnemann
  - c. Hippocrates and Galen
  - d. Siddhar Agathiyar
16. Unani system of medicine also known as
  - a. Homeopathic medicine
  - b. Ayurvedic medicine
  - c. Arab medicine
  - d. Siddha medicine
17. Family of Lavender oil
  - a. Solanaceae
  - b. Labitaceae
  - c. Meliaceae
  - d. Liliaceae
18. Anti-Tumor drug used against
  - a. Malignancy
  - b. Tumor
  - c. Cancer
  - d. All of the above
19. Example of Vati
  - a. Darmula
  - b. Laghu visagarbha
  - c. Marma gutika
  - d. Kutjavaleha
20. Which of the following is not a part of sources of drug?
  - a. Plant sources
  - b. Marine sources
  - c. Mineral sources
  - d. Taxonomic sources

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**PART-B : Short Answers**

*[ Answer any ten (10) from the following ]*

[3x10=30]

1. Define anti-leprotics and antidiabetic drugs. 3
2. Define Pharmacognosy. Explain Pharmacological classification. 3
3. What is Alkaloids? Write down the occurrence of Alkaloids? 3
4. Explain biological evaluation. 3
5. Explain morphological classification with example. 3
6. Define Glycosides .Write down the isolation and therapeutic activity of glycoside. 3
7. Write down the biological source, chemical constituents and uses of Clove. 3
8. Define tannins. Write down the identification of tannins. 3
9. Define prebiotics and probiotics 3
10. Write down the biological source, chemical constituents and uses of Chaulmoogra oil. 3
11. Different between Arista and Asava. 3

**PART-C : Long Answers**

*[ Answer any six (6) from the following ]*

[5x6=30]

1. What is antimalarial drug? Write down the biological source, chemical constituents and uses of Cinchona. 5
2. Explain morphological classification with example. 5
3. Define anti-hypertensive. Write down the biological source, chemical constituents and uses of Rauwolfia. 5
4. Define Astringents. Write down the biological source, chemical constituents and uses of Black Catechu. 5

5. Explain microscopic evaluation. 5
6. Write down the history of pharmacognosy. 5
7. Define antitumor drug. Write down the biological source, chemical constituents and uses of Vinca 5

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