

D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1**SEMESTER EXAMINATIONS****NOVEMBER – 2017****15CBT5D****ELECTIVE I: HERBAL TECHNOLOGY****Time : 3 Hrs****Max. Marks : 75****SECTION-A (10 x 2 = 20)****Answer ALL questions.**

1. What is Ayurveda?
2. Write about the types of ayurvedic formulations and their preparation.
3. Name four medicinal plants which have anticancer activity.
4. What is meant by hepatoprotectives?
5. Write the principle of soxhlet extraction.
6. What is microwave assisted extraction? Write the principle involved in it.
7. Define ayurvedic pharmacopeia.
8. How will you determine the purity of a herbal drug?
9. Write the chemical analysis with reference to drug testing.
10. How will you perform a toxicological test using a herbal product?

SECTION-B (5 x 5 = 25)**Answer any FIVE of the following questions.**

11. Explain the importance of ayurveda in the present day scenario.
12. Mention the drugs affecting the Central nervous system and their mechanism of action.
13. Differentiate between maceration and soxhlet extraction.
14. Explain the protocol to be followed for supercritical fluid extraction and percolation.
15. Write a short note on ayurvedic pharmacopoeia.
16. Write a short note on physico – chemical properties of drugs.
17. What are the microbiological tests followed for drug testing. Explain.
18. Name some of the medicinal plants which have anti malarial property. Write briefly about any one of them.

SECTION-C (3 x 10 = 30)**Answer ALL questions.**

19. (a) Write in detail about ayurvedic formulary of India.
(Or)
(b) Write about the beneficial effect of medicinal plants. Explain in detail about a few medicinal plants having antidysentric and antidiabetic properties.
20. (a) Explain in detail the methods of identification of phytoconstituents present in plants.
(Or)
(b) Explain in detail the procedure for percolation and distillation method of extraction.
21. (a) Explain the process of purifying compounds present in medicinal plants.
(Or)
(b) What instrument is used to identify the compounds present in an extract? How will you interpret the data?