D.K.M.COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1
SEMESTER EXAMINATIONS

NOVEMBER–2018 15CBT5D   ELECTIVE I: HERBAL TECHNOLOGY

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Time : 3 Hrs   **Max.Marks : 75**

SECTION-A (10 x 2 =20)

Answer ALL the questions.

1. Define traditional medicine.

2. What is CAM? Give three examples.

3. Name the plant from which the ayurvedic drug to treat snakebites, reserpine is derived from.

4. What is the substance in soybeans thought to stop blood- flow to cancer cells, hence crippling the spread of cancer?

5. What is an infusion?

6. Define maceration.

7. Define shelf-life.

8. Define ash value.

9. Define MTT assay.

10. Define LD_{50}.

SECTION-B (5 x 5 =25)

Answer any FIVE of the following questions.

11. Write in detail about the scope of traditional medicines.

12. What are terpenoids? Explain with some examples with special reference to antidiabetic activity.

13. Write about some medicinal plants from which hepatoprotective drugs are extracted.

14. Explain briefly about supercritical fluid extraction.

15. Write briefly about microwave assisted extraction and its applications.

16. What are the methods used for standardization of herbal extracts and products?

17. Explain briefly about toxicological testing methods done for a herbal product.

18. How will you determine the IC_{50} concentration of a drug?

SECTION-C (3 x 10 =30)

Answer ALL the questions.

19. (a)Explain in detail about the ayurvedic formulation types and preparations in India.

(Or)

(b)Explain in detail about the drugs that affect the central nervous system.

20. (a) Explain in detail about the extraction of phyto constituents from plants.

(Or)

(b)Explain in detail about quality control methods for herbal materials.

21. (a) Explain in detail about the evaluation of finished products by instrumental analysis and biological testing methods.

(Or)

(b)What are the physico-chemical properties that should be analyzed before the release of a herbal formulation?

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