

**D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1****SEMESTER EXAMINATIONS****APRIL - 2016****11CBT6C****ELECTIVE II : HERBAL TECHNOLOGY****Time : 3 Hours****Max. Marks : 75****SECTION – A (10 x 2 = 20)****Answer ALL the questions.****Define / Explain the following.**

1. Phytochemistry.
2. Herbs.
3. Fenugreek.
4. Pharmacognosy.
5. Neurotransmitter.
6. Cytotoxicity.
7. Alkaloids.
8. Tannins.
9. Mutation.
10. Tissue culture.

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

11. Describe the role of medicinal plants in Siddha medicine.
12. Write about the chemical constitution and therapeutic uses of tulsi.
13. Write notes on the systemic position and pharmacological action of Ashoka plant.
14. *Cantharanthus roseus* – a good Cardiotonic. Justify.
15. Explain the medicinal properties of *Centella Asiatica*.
16. Explain the various types of drug adulteration.
17. Describe the various methods used for drug evaluation.
18. Explain how polyploidy is used for the production of Herbal medicines.

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

19. (a) Mention about the history and scope of Herbal medicines.  
(Or)  
(b) Give an account on the cultivation, processing and storage of medicinal plants.
20. (a) Describe the medicinal uses of Indian gooseberry and ginger.  
(Or)  
(b) Explain the phytochemistry and pharmacology of *withania somnifera*.
21. (a) Write an essay on the role of plants tissue culture technique in biomedicine production.  
(Or)  
(b) Describe various phytochemical screening methods for secondary metabolites.