

# Rajiv Gandhi University of Health Sciences, Karnataka

IV Year B.Pharm Degree Examination – NOV 2016

**Time: Three Hours**

**Max. Marks: 80 Marks**

## HERBAL DRUG TECHNOLOGY (Revised Scheme - 2)

**Q.P. CODE: 1976**

Your answers should be specific to the questions asked  
Draw neat labeled diagrams wherever necessary

### **LONG ESSAYS (Answer any Two)**

**2 x 10 = 20 Marks**

1. Discuss in detail the regulatory control for import and export herbal extracts.
2. Discuss the difficulties encountered in the standardization of herbal drugs.
3. What are the different groups of Food supplements, give their importance.

### **SHORT ESSAYS (Answer any Eight)**

**8 x 5 = 40 Marks**

4. Different methods involved in the preparation of herbal extracts.
5. Advantages and disadvantages of herbal pesticides
6. Advantages and disadvantages of natural colorants
7. Sunscreen preparations
8. Production of ephedrine
9. Herbs used for hair care
10. Applications of TLC in the evaluation of herbal extracts
11. Isolation of ephedrine
12. Standardization of skin care products
13. Importance of HPLC in the evaluation of herbal drugs

### **SHORT ANSWERS**

**10 x 2 = 20 Marks**

14. Spray drying
15. Insect repellants
16. Indian herbal pharmacopoeia
17. Marker compounds
18. Loss on drying
19. Differences between stomatal index and stomatal number
20. Natural colorants
21. Tests useful in evaluation of essential oils
22. Two herbal taste enhancers with source
23. Foreign organic matter

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