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Total No. of Pages : 02

Total No. of Questions : 22

B.Pharm (2017 Batch) (Sem.-6)  
**HERBAL DRUG TECHNOLOGY-THEORY**  
Subject Code : BP-603T  
M.Code : 77988

Time : 3 Hrs.

Max. Marks : 75

**INSTRUCTIONS TO CANDIDATES :**

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.
3. SECTION-C contains NINE questions carrying FIVE marks each and students have to attempt any SEVEN questions.

**SECTION-A**

Answer the following :

1. Define the term HERBAL DRUG PREPARATION.
2. Describe the method of preparation of BHASMA.
3. Give biological source and health benefits of GINGER.
4. Write biological source and side effects of GINSENG.
5. Give sources of any two WAXES used as raw material in herbal cosmetics.
6. Write advantages and disadvantages of conventional herbal formulations.
7. Define the terms BIOPIRACY and BIOPROSPECTING.
8. Describe storage conditions for accelerated stability testing of herbal drugs.
9. Write objectives of Schedule T.
10. What are the future prospects of herbal drug industry?

## SECTION-B

11. a) Describe the basic principles involved in Siddha system of medicine.  
b) Describe method of preparation and standardization of ASAVA.
12. Discuss the scope and types of nutraceutical products available in the market. Explain the role of nutraceuticals in the management of Gastrointestinal diseases.
13. Describe various components of schedule T.

## SECTION-C

14. Discuss the significance of NATURAL SWEETENERS as excipients.
15. Describe method of preparation and evaluation of PHYTOSOMES.
16. Describe raw materials used in oral hygiene products.
17. Explain patenting issues with natural products taking case study of Curcuma.
18. Describe schedule Z of Drug and Cosmetics Act for ASU drugs.
19. Describe WHO guidelines for the assessment of herbal drugs.
20. Mention various types of pests and discuss methods of pest management in medicinal plants.
21. Give pharmacokinetic and pharmacodynamic interactions of EPHEDRA with drugs.
22. What are health foods? Give a detailed account of SPIRULINA.

NOTE : Disclosure of identity by writing mobile number or making passing request on any page of Answer sheet will lead to UMC against the Student.