

Roll No.

Total No. of Pages : 02

Total No. of Questions : 13

B.Pharma (Sem.-6)
HERBAL DRUG TECHNOLOGY-THEORY

Subject Code : BP603T

M.Code : 77988

Date of Examination : 08-07-22

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 student has to attempt any TWO questions.
3. SECTION-C contains NINE questions carrying FIVE marks each and student has to attempt any SEVEN questions.

SECTION-A

1. Write briefly :

- (a) Define the term Herbal Medicinal Product.
- (b) What are BIOPESTICIDES?
- (c) Describe method of preparation of CHURNA.
- (d) Write biological source and health benefits of ASHWAGANDHA.
- (e) Give biological source and side effects of GINKGO.
- (f) Describe method of preparation of PHYTOSOME.
- (g) Discuss patent issue of NEEM.
- (h) Distinguish between copyright and trademark.
- (i) Give biological source of any two herbal raw material used as colours in herbal cosmetics.
- (j) Name any two plant based industries involved in the production of standardized extracts in India.

SECTION-B

2. (a) Discuss the role of nutraceuticals in the management of CVS diseases.
(b) Give pharmacokinetic and pharmacodynamic interactions of Hypericum with drugs.
3. Describe purpose of processing of herbal raw materials. Explain various primary and secondary processing procedures.
4. Describe WHO and ICH guidelines for the assessment of herbal drugs.

SECTION-C

5. Write a detailed note on Organic farming.
6. Describe method of preparation and standardization of Ghutika.
7. Write biological source and health benefits of :
 - (a) AMLA
 - (b) FENUGREEK
8. Describe various herbal substances used as BINDERS.
9. Give sources of herbal raw material used as antioxidants in skin care products.
10. Write a detailed note on stability testing of herbal drugs.
11. Give roles and responsibilities of ASU DTAB and ASU DCC.
12. What are the infrastructural requirements in herbal drug industry as per Schedule T?
13. Discuss present scope and future prospects of herbal drug industry.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.