

Roll No.

Total No. of Pages : 02

Total No. of Questions : 10

B.Pharmacy (Sem.-8)
PHARMACOGNOSY-VI
Subject Code : PHM-484
M.Code : 46243

Time : 3 Hrs.

Max. Marks : 80

INSTRUCTIONS TO CANDIDATES :

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

SECTION-A

1. Write short notes on :

- a) Write down biological source and uses of SENNOSIDES.
- b) Discuss the export potential of ALOE.
- c) Give biological source and uses of MENTHA OIL.
- d) Write down uses of TAXOL.
- e) Write down biological source and uses of GERANIUM OIL.
- f) What is cell immobilization technique?
- g) Write down biological source and uses of Solasodine.
- h) What are Elicitors?
- i) What are the objectives of Chemotaxonomy?
- j) Name any two fungal toxins and give their effects.
- k) What are photosensitizing agents? In what respects these are different from photodynamic agents?
- l) Give utilization of VETIVER OIL.
- m) Discuss the role of Aloe in herbal cosmetics.
- n) What are Ingestant Allergens? Give examples of natural Ingestant Allergens.
- o) Name the countries which are leading exporter of medicinal plants.

SECTION-B

2. Describe method of industrial production and utilization of DIOSGEENIN.
3. Describe various types of cultures.
4. Describe herbs used in skin care cosmetic products.
5. Write a detailed note on Natural allergens.
6. Describe regulatory aspects for herbal products as per WHO guidelines.

SECTION-C

7. Write a detailed note on novel medicinal agents from Marine Source.
8. Which industries utilize medicinal plants for manufacturing their products? Give an account on such industries with their products.
9. Write short notes on :
 - a) Health Foods
 - b) Role of secondary metabolites in Chemotaxonomy of medicinal plants
10. Discuss the worldwide trade of Diosgenin, Tropane alkaloids containing plants and Aloe.

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.