

Roll No.

Total No. of Pages : 02

Total No. of Questions : 13

B.Pharma (Sem.-4)
PHARMACOGNOSY & PHYTOCHEMISTRY-I

Subject Code : BP-405T

M.Code : 75847

Date of Examination : 13-07-22

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. Answer briefly :

- (a) Give biological sources of any two drugs obtained from marine source.
- (b) Distinguish between Organized and Unorganized drugs.
- (c) Give chemical tests for identification of TANNINS.
- (d) Define HYBRIDIZATION.
- (e) What are EDIBLE VACCINES?
- (f) Distinguish between absorbent and non-absorbent cotton.
- (g) Classify ALKALOIDS.
- (h) Enumerate various factors influencing cultivation of medicinal plants.
- (i) Write biological source and chemical constituents of ACACIA.
- (j) Write biological source and uses of BEES WAX.

SECTION-B

2. Write short notes on:
 - (a) DRUG ADULTERATION
 - (b) PLANT HORMONES
3. What is Plant Tissue Culture? Give various applications of PTC in Pharmacognosy.
4. Give detailed pharmacognostic account on :
 - (a) AGAR
 - (b) GELATIN

SECTION-C

5. Write a short note on NATURAL ALLERGENS.
6. Define RESINS. Classify resins, and give their properties.
7. Describe present status and future prospects of pharmacognosy.
8. Describe methods of conservation of medicinal plants.
9. Discuss the role of pharmacognosy in traditional systems of medicine.
10. Explain chemo-taxonomical classification of crude drugs.
11. Describe any four physical methods of evaluation of crude drugs.
12. Discuss plant tissue culture as source of drugs.
13. Give tests for identification of different types of glycosides.

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.