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Total No. of Pages : 02

Total No. of Questions : 10

B.Pharma (2011 to 2016) (Sem.-4)

PHARMACOGNOSY-III

Subject Code : BPHM-403

M.Code : 46233

Time : 3 Hrs.

Max. Marks : 80

INSTRUCTION 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) Answer the Following :**

- a) Write down biological source and chemical constituents of DIOSCOREA.
- b) Give specific chemical tests for identification of ALOE.
- c) Mention diagnostic microscopic features of SENNA.
- d) Give structure and uses of PSORALIN.
- e) Write down biological source and medicinal uses of SARASPARILLA.
- f) Give chemical constituents of CASCARA.
- g) Write down botanical source and pharmacological uses of GILO.
- h) Give botanical source and chief chemical constituents of GOKHRU.
- i) Name two marketed formulations of GUGGAL.
- j) Differentiate between Arishta and Asava.
- k) Write down substitutes and adulterants of SAFFRON.
- l) Give chemical tests for identification of SQUILL.
- m) Write down biological source and chemical constituents of METHIL.

- n) Enumerate various methods of standardization of Churna.
- o) What are fundamental principles of Ayurvedic System?

SECTION-B

- 2) Describe methods of cultivation and collection of ALOE.
- 3) Write down biological source, chemical constituents, uses and microscopic features of GENTIAN.
- 4) Give a pharmacognostic account on AMLA.
- 5) Describe methods of preparation of Gutikas and Tailas.
- 6) Describe macroscopic and microscopic features of DIGITALIS.

SECTION-C

- 7) Explain various physical methods of standardization of herbal products.
- 8) Write a detailed pharmacognostic account on LIQUORICE.
- 9) Write notes on :
 - a) SHANKHPUSHPI
 - b) ARJUNA
- 10) Write down vernacular names, botanical sources, chemical constituents, pharmacological uses of :
 - a) PALASH
 - b) NAGARMOTHA

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.