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Total No. of Pages : 02

Total No. of Questions : 10

B.Pharma (2011 to 2016) (Sem.-3)

PHARMACOGNOSY-II

Subject Code : BPHM-302

M.Code : 46222

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 briefly :****2×15=30**

- a) What are Resins and Resenes?
- b) Write down biological source and chemical constituents of ASAFOETIDA.
- c) What are Tannins? Classify them.
- d) Write down biological source and chemical constituents of GAMBIR.
- e) Write down biological source and chemical constituents of CASSIA.
- f) Write down biological source and chemical constituents of EUCALYPTUS.
- g) Write down medicinal uses of VALERIAN and DILL.
- h) Draw structures of CITRAL and LIMONENE.
- i) Give chemical tests of screening of SAPONINS.
- j) Describe Cyanidin test.
- k) Give chemical test of identification of Cardiac glycosides.
- l) Give any two tests for identification of WOOL.
- m) Distinguish between absorbent and non-absorbent cotton.



- n) Give biological source and chemical composition of DIATOMITE.
- o) Give source and uses of BENTONITE.

SECTION-B

- 2. Write down biological source, chemical constituents and uses of GALL. 5
- 3. Describe any two methods of extraction of volatile oil. 5
- 4. Give source, diagnostic features and uses of ASBESTOS. 5
- 5. What are Anthraquinone glycosides? Differentiate between Borntrager and Modified Borntrager test. 5
- 6. How will you prepare extract for phytochemical screening of Alkaloids? Give chemical tests for alkaloids. 5

SECTION-C

- 7. Write biological source, chemical constituents and uses of :
 - a) MUSK 3
 - b) CHENOPODIUM 3
 - c) SPEARMINT 4
- 8. Give a detailed pharmacognostic account on JALAP. 10
- 9. Write notes on :
 - a) Balsam of Peru 5
 - b) Natural colors 5
- 10. What are Pharmaceutical Aids? Give source, chemical composition and uses of TALC and KAOLIN. 10

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.