B.Pharmacy (Sem. - 2nd)
PHARMACOGNOSY - II
SUBJECT CODE : PHM - 1.2.2 (2K9 Batch)
Paper ID : [D0143]

[Note : Please fill subject code and paper ID on OMR]

Time : 03 Hours   **Maximum Marks : 80**

Instruction to Candidates:

1) Section - A is **Compulsory**.
2) Attempt any **Four** questions from Section - B.
3) Attempt any **Three** questions from Section - C.

Section - A

Q1)   *(15 × 2 = 30)*

a)   Write down complete biological source and uses of Benzoin.

b)   Mention chemical test for screening of Cyanogenic Glycosides.

c)   Mention chemical test for screening of Flavonoids.

d)   What are chief constituents of valerian?

e)   What are pseudotannins?

f)   Write down diagnostic features of wool.

g)   Give two examples of natural colours.

h)   Which chromatographic methods can be used for screening phytoconstituents.

i)   Write uses of Myrobalan and Turmeric.

j)   What is Eucelle method?

k)   Give biological source of Kaolin.

l)   Differentiate terms extract, fraction and isolate.

m)   Explain the term Pharmaceutical Aids.

n)   What are ellagitannins?

o)   What are absorbable sutures?

Section - B

Q2) What are Balsams? Give biological source, chemical constituents and uses of Balsam of Tolu.

Q3) Write down biological source, diagnostic features and identification tests of Silk.

Q4) How can alkaloids be extracted from plant material? Write down general chemical tests for Alkaloids.

Q5) What are resins and resin combinations? Explain with examples.

Q6) Give biological source, chemical constituents and uses of Cinnamon?

Section - C

(3 × 10 = 30)

Q7) Explain in detail general methods of obtaining Volatile oil from plants.

Q8) Write short notes on :

a) Cotton.

b) Sandalwood.

Q9) Write Pharmacognostic study of Podophyllum and Ginger.

*Q10)*Write short notes on :

a) Pharmaceutical standards of fibre products.

b) Black catechu.

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