

Total number of printed pages – 7 **B. Pharm**
PH. 2.7 (New & Old)

Second Semester Examination – 2008

PHARMACOGNOSY – II

Full Marks – 70

Time : 3 Hours

Answer questions either from New or Old syllabus but not from both.

(NEW SYLLABUS)

*Answer Question No. 1 which is compulsory and any **five** from the rest.*

The figures in the right-hand margin indicate marks.

1. Answer the following questions : 2 × 10
- (a) Define 'resins'.
- (b) Cannabis contains tannin as active constituents. Comment.



- (c) Gall contains resins as active constituents. Comment.
- (d) Cardamom does not contain volatile oil. Comment.
- (e) Volatile oils are usually extracted by simple distillation. Comment.
- (f) Terpenoids are not present in volatile oils. Comment.
- (g) Nylon is a natural fibre. Comment.
- (h) What is talc ?
- (i) Chenopodium contains natural colour. Comment.
- (j) Explain the uses of turmeric.

P.T.O.

PH. 2.7 (New & Old) 2

Contd.

2. Write in detail about the source, properties and uses of : 5+5

(a) Ginger

(b) Colophony.

3. Explain about tannis, their sources and their uses in pharmacy. 10

4. What are volatile oils ? What are their chemical constituents and uses ? 10

5. Describe the general methods of extraction of volatile oils. How are they purified ? 10

6. Write short notes on : 5+5

(a) Natural allergens

(b) Antioxidants from plant origin.

7. Mention the different kinds of fibres obtained from different sources ? How is silk produced commercially ? 10

8. Write short notes on the pharmacognosy of the following : 5+5

(a) Gelatin

(b) Saffron.

5. What do you mean by phytochemical screening ? Write in detail about the methods used for extraction of phytoconstituents. 2+8
6. Define fibres. Give the biological source, chemical constituents, chemical tests and uses of
5+5
- (a) Cotton
- (b) Wool.
7. Write notes on pharmaceutical aids. 10
8. (a) Describe the general methods used for isolation of volatile oils from plant origin. 5
- (b) Give the biological source, chemical constituents and uses of podophyllum.
5
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