

AV - 2360

Eighth Semester B. Pharm. Examination

PHARMACOGNOSY - VI

Paper - T-8.4

(USC - 35184)

P. Pages : 2

Time : Three Hours]

[Max. Marks : 60

- Note :** (1) All questions carry equal marks.
(2) Answer any **Five** questions.
(3) Diagrams and Chemical equations should be given wherever necessary.
(4) Illustrate your answer wherever necessary with the help of neat sketches.
(5) Use pen of Blue/Black ink/refill only for writing the answer book.

1. Give a detail account of plant Bitters and sweeteners with examples. 12
2. Discuss HPLC as an analytical technique for standardization of crude drugs with suitable examples. 12
3. (a) Write about standardization including quantitative microscopy of Ashwagandha OR *tinospora cordifolia*. 7
(b) How will you determine alcohol contents in Aristas and Asawas. 5
4. (a) Describe principles involved in Homeopathic system of medicine. 7
(b) Write about preparation of churna and Ghutika. 5
5. (a) Give a brief account of herbs as health foods. 7
(b) Explain the role of Aloe and turmeric in skincare cosmetic products. 5
6. (a) Write about methods of screening natural products for anti-inflammatory OR Hepatoprotective activity. 7

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(b) Discuss role of medicinal and aromatic plants in national economy. 5

7. Write short note on any **Three** :—

(a) Utilization and production of Diosgenin.

(b) Plant based industries.

(c) Preparation of shampoos.

(d) Nutraceuticals.

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