

Ref. No. : Ex/PG/PHAR/T/128B/2018

M. PHARMACY FIRST YEAR SECOND SEMESTER - 2018

Subject : PHARMACOGNOSY - III

Time : 03 Hours

Full Marks : 100

Group -A

Use Separate Answer scripts for each Group , answer any five questions, taking at least two from each group, each question carry equal marks

1. Give a overview about the industrial production and commercially viable of value added drugs (two) of India. 20
2. Write the industrial application of chromatographic techniques for the standardization of bioactive compounds of natural origin. 20
3. Give general ideas about the polyhedral formulations and its standardization in concern to traditional claims. 20
4. Write an overall report regarding the oldest and latest technology developed on extraction to extract the Phytodrugs. 20

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M. PHARMACY FIRST YEAR SECOND SEMESTER EXAM 2018

Subject: PHARMACOGNOSY - III

Time: Three Hours

Full Marks: 100

GROUP - B

Answer any five questions taking at least two from each group

5. Describe schematically building blocks for plant secondary metabolites from primary metabolites. 20
6. Write down the biosynthesis of tropane alkaloids and isoflavones. 13 + 7 = 20
7. Write explanatory note on 12 + 8 = 20
- a) Radioactive tracer technique
- b) Biosynthesis of terpenoid precursors
8. Write down the biosynthesis of the followings 5 + 8 + 7 = 20
- a) Physostigma alkaloids
- b) Nux-vomica alkaloids
- c) Ephedra alkaloids