

M. PHARM. FIRST YEAR, FIRST SEMESTER EXAMINATION 2018

Subject : PHARMACOGNOSY I

Time: 3Hours

Full Marks: 100

Answer five questions, taking at least two from each group.

Group A.

1. What are the different approaches of medicinal plant research? Explain each type with suitable explanation. 20
2. Define bio-autography. How will you detect antimicrobial and radical scavenging agents in a complex mixture through bio-autographic analysis. 20
3. Write note on (any two)
 - a. Composition of plant tissue culture media
 - b. Chemotaxonomy
 - c. Hardening and acclimatization of in vitro derived plant20
4. Define and classify plant tissue culture. Write an explanatory note on cell suspension culture. Discuss different types of in vitro conservation processes of medicinal plants. 20

Ref. No. : Ex/PG/PHAR/T/111B/2018

Name of the Examinations: M. PHARMACY FIRST YEAR FIRST SEMESTER - 2018

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Group : B

Instructions : Answer five questions, taking at least two from each group.

5. Write the role of stress and factors affect the production of Phytodrugs in medicinal plants. 20
6. Write in details about the quality control of the raw material and finished product generally adopted by herbal industry for better utilization of herbal formulation. 20
7. Write short notes on : a) Crude drug used for the treatment of Gastro Intestinal Disorder
b) Structure activity relationship of steroid drug found in nature. 20