

341818(41)**B. Pharmacy (Eighth Semester) Examination,
April-May, 2018****(New Scheme)****(Pharmacy Branch)****PHARMACOGNOSY-V*****Time Allowed : Three hours******Maximum Marks : 70***

Note : Attempt any five questions. Each question carries equal marks.

1. (a) Discuss the method used for the isolation and characteristics of alkaloids and bioflavonoids 7

- (b) Explain Column and TLC technique for the isolation of phytopharmaceuticals. 7

2. (a) What is tissue culture technique? Explain the role of nutritional requirement for the production of callus culture. 7

- (b) Discuss process of immobilization of cells and enzymes. 7

3. (a) Elaborate the WHO guidelines for evaluation of herbal drugs? 7

- (b) Write notes on phytosomes. 7

4. (a) How spectroscopic techniques are used for the evaluation of herbal drugs? 7

- (b) Explain the preparation and evaluation of shampoo and skin care. 7

5. (a) Discuss various types of extraction process used for the production of crude drugs. 7

- (b) Elaborate the solvent, solvent mixture and solution of extraction. 7

6. Write short notes : (any two)

(i) Taxol

(ii) ~~Maine~~ drugs *marine*

(iii) Herbs on health foods

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