

# 341818(41)

B. Pharmacy (8<sup>th</sup> Semester)  
Examination, Nov.-Dec., 2016  
(New Scheme)

Pharmacognosy-V

Time Allowed : 3 hours

Maximum Marks : 70

Minimum Pass Marks : 28

Note : Attempt all questions.

The figures in the right-hand margin indicate marks.

1. Describe exhaustively application of chromatography. [14]

OR

Give the general methods of isolation and characterization of alkaloids. [14]

2. Write notes on :

(a) Nutritional requirements for tissue culture [7]

(b) Callus culture [7]

OR

Define immobilization. Give its application with suitable examples.

3. Describe the role of factors which affect the quality of herbal drugs. [14]

OR

Write short notes on (any two) :

(a) Determination of alcohol contents in arista and asawas. [7]

(b) Chromatographic markers [7]

(c) Role of spectroscopic techniques in herbal technology [7]

4. Define and describe the role of cosmeceuticals in daily life. [14]

OR

Write notes on :

(a) Herbs as health food [7]

(b) Antibiotics drug from marine source [7]

5. What do you mean by extraction? Describe its basic principles and methods of extraction. [14]

OR

Describe the role of factors which affect the extraction process. [14]