

M. Pharm. First Semester (Pharmaceutical Chemistry) (New)
35316 : Chemistry of Natural Products : MPC 104 T

P. Pages : 1

Time : Three Hours



AW - 2407

Max. Marks : 75

- Notes :
1. All question carry equal marks.
 2. Answer **any five** questions.
 3. Discuss the reaction, mechanism wherever necessary.
 4. Use of pen Blue/Black ink/refill only for writing the answer book.

1. Discuss the evidence for structural elucidation of 'Quercetin'. 15
2. Write the Isolation, purification and structural determination of alkaloids. 15
3. a) Give the physiological significance of folic acid or Niacin. 8
b) Explain about hybridoma technology. 7
4. a) Write about cardiovascular drugs. 7
b) Write in brief about Antimalarial drugs. 8
5. Write the structure elucidation of menthol or carotenoids (β carotene). 15
6. What do you understand about Gene therapy. Give the clinical applications of gene therapy. 15
7. Write short note on **any three**. 15
 - a) Swertia chirata.
 - b) Contraceptive agents.
 - c) Recombinant DNA technology.
 - d) β -Lactum antibiotics.
