

B. Pharm. Fifth Semester
35164 : Pharmacognosy - III : T-5.4

P. Pages : 1

Time : Three Hours

**AU - 0679**

Max. Marks : 60

- Notes :
1. All question carry equal marks.
 2. Answer **any five** question.
 3. Illustrate your answer necessary with the help of neat sketches.
 4. Use of pen Blue/Black ink/refill only for writing the answer book.

1. What are marine drugs? Classify marine drugs with examples. 12
2. a) Explain lycopodium spore method. 6
 b) Write classification and applications of chromatography in evaluation of Herbal drugs. 6
3. Describe common poisonous plants in India in detail. 12
4. Give detailed pharmacognostic and phytochemical account of **any two**. 12
 a) Digitalis.
 b) Senna.
 c) Liquorice.
5. Describe photosynthesis in plants and Shikimic acid pathway. 12
6. Define and classify Glycosides with examples. Write General method of Isolation of glycosides. 12
7. Write short notes on **any two**. 12
 a) Reactions of cell wall.
 b) Isoprenoid Biosynthesis.
 c) Thin layer chromatography.
