

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM – SEMESTER – 4- EXAMINATION –WINTER - 2018

Subject Code:240006

Date: 14/12/2018

Subject Name: Pharmacognosy - III

Time:02:30 PM TO 05:30 PM

Total Marks: 80

Instructions:

- 1. Attempt any five questions.**
- 2. Make Suitable assumptions wherever necessary.**
- 3. Figures to the right indicate full marks.**

- | | |
|--|---|
| 1. (a)What are Glycosides? Give details of their classification with examples. | 6 |
| (b) Give Pharmacognosy of Rhubarb. | 5 |
| (c)) Write a note on Cascara bark | 5 |
| 2. (a) What are saponins ? How Saponins are classified ? Give details of their identification tests. | 6 |
| (b) Write Pharmacognosy of Liquorice. | 5 |
| (c) Write a note on Indian Liquorice. | 5 |
| 3. (a) What are cardiac Glycosides ?Write a note on Cardinolides and Buffadienolides. | 6 |
| (b)Write Pharmacognosy of Digitalis. | 5 |
| (c) Give identification tests of Cardiac glycosides. | 5 |
| 4. (a)What are Anthraquinone Glycosides ? Give details of their identification tests. | 6 |
| (b) Give differences of Indian and Alexandrian Senna | 5 |
| (c) Give Pharmacognostical account of Senna. | 5 |
| 5. (a) What are Cyanogenic Glycosides? Give Pharmacognosy of Linseed. | 6 |
| (b) Write Pharmacognosy of Squill. | 5 |
| (c) Write differences of <i>Ammi majus</i> and <i>Ammi Visnaga</i> . | 5 |
| 6. (a) What are Bitter Glycosides? Give differences of Chirata and Kalmegh | 6 |
| (b)Give differences of <i>Digitalis Purpurea</i> and <i>Digitalis Lanata</i> . | 5 |
| (c)Write a note on preparations of Aloes. | 5 |
| 7. (a)Write short notes on Diastase and Papain. | 6 |
| (b) Write a note on Bavchi. | 5 |
| (c)Give a detailed account of a drug containing Isothiocyanate Glycosides. | 5 |