

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM – SEMESTER – 6- EXAMINATION –WINTER - 2018

Subject Code: 2260006

Date: 03/12/2018

Subject Name: Pharmacognosy-IV

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.**

- | | | |
|-------------|---|-----------|
| Q.1 | (a) Write biological source, preparation, identification tests and uses of diastase. | 06 |
| | (b) Define pharmaceutical aids. Write a brief note on fibres. | 05 |
| | (c) Define marine pharmacognosy. Write a brief note on marine anticancer drugs. | 05 |
| Q.2 | (a) Write biological source, preparation, identification tests and uses of pepsin. | 06 |
| | (b) Write a note on streptokinase and urokinase. | 05 |
| | (c) Write a note on talc and diatomite. | 05 |
| Q.3 | (a) Define alkaloids. Write classification, general method of isolation, and properties of alkaloids. | 06 |
| | (b) Write a pharmacognostical note on ephedra. | 05 |
| | (c) Write a difference between Indian lobelia and European lobelia. | 05 |
| Q.4 | (a) Describe source, uses and chemical constituents of tobacco. | 06 |
| | (b) Write a pharmacognostical note on withania. | 05 |
| | (c) Write a difference between Egyptian henbane and European henbane. | 05 |
| Q.5 | (a) Describe source, uses and chemical constituents of opium. | 06 |
| | (b) Write a pharmacognostical note on cinchona. | 05 |
| | (c) Write a difference between <i>Rauwolfia canescens</i> and <i>Rauwolfia serpentina</i> . | 05 |
| Q. 6 | (a) Describe source, uses and chemical constituents of ergot. | 06 |
| | (b) Write a pharmacognostical note on nux-vomica. | 05 |
| | (c) Write a difference between Rio Ipecac & Cartegena Ipecac. | 05 |
| Q.7 | (a) Describe source, uses and chemical constituents of Aconite. | 06 |
| | (b) Write a pharmacognostical note on vasaka. | 05 |
| | (c) Write a difference between <i>Dature metal</i> & <i>Datura innoxia</i> . | 05 |
