

Roll No.: _____

Enrolment No. _____

PARUL UNIVERSITY

PARUL INSTITUTE OF PHARMACY

B.PHARM FIFTH SEMESTER · INTERNAL EXAMINATION: 2018-19

Subject Name: Pharmacognosy & Phytochemistry-II

Subject Code: 08101306

Time: 10:00 am to 11:30 am

Date: 29/09/18

Total Marks: 25

Instructions:

1. Question 1 is compulsory
2. Attempt any 2 questions from Q.2 to Q.4
3. Make suitable assumptions wherever necessary.
4. Figures to the right indicate full marks.

- Q.1 (a) Define Glycosides. Describe properties and classify it with examples. 04
- (b) Describe pharmacognosy of Senna OR Aloe. 03
- (c) Differentiate Triterpenoid saponins and Steroidal saponins. 02
- OR
- Differentiate Cardenolide and Bufadinolide.
- Q.2 (a) Write a note on Digitalis. 03
- (b) Comment on following statements 03
- i) Digitalis leave are immediately dried at 60 °C
- ii) Casacara Bark is to be stored for one year before use.
- iii) Star spots found in rhubarb are called as abnormal Vascular bundles.
- (c) Explain Modified Borntrager's Test with principle. 02
- OR
- Sodium Picrate test with principle.
- Q.3 (a) Explain Pharmacognosy of liquorice. 05
- (b) Write a note on Dioscorea OR Ginseng. 03
- Q.4 (a) Write B.S., Family, Chemical constituents of following drug (Any Two) 05
- 1) Psoralea 2) Picrorrhiza 3) Kalmegh 4) Quassia
- (b) Write a note on Papain OR Diastase. 03
