

PARUL UNIVERSITY
FACULTY OF PHARMACY
B.Pharm. Summer 2018-19 Examination

Semester: 5**Subject Code: 08101306****Subject Name: Pharmacognosy & Phytochemistry-II****Date: 04/05/2019****Time: 10:00am to 01:00pm****Total Marks: 75****Instructions:**

1. Figures to the right indicate full marks.
2. Make suitable assumptions wherever necessary.

Q.1 Essay type Questions. (Any 2 out of 3) (10 marks each) (20)

1. Define and Classify glycosides with suitable example.
2. Give pharmacognostic note on Aloe.
3. Differentiate Cardenolide and Bufadienolides. Explain in detail about Digitalis.

Q.2 Short Essay type Questions. (Any 7 out of 9) (5 marks each) (35)

1. Discuss the pharmacognosy of Ginseng.
2. Write synonym, B.S, Family, C.C., and uses of Dioscorea.
3. Write a note on Natural allergens and photosensitizing agents.
4. Explain pharmacogsy of Rhubarb.
5. Draw the transverse section of Senna.
6. Define Enzyme. Write a note on Papain and Diastase enzyme.
7. Give a note on Glycyrrhiza.
8. Explain pharmacogsy of Thevetia.
9. Write a note on natural insecticide and pesticides.

Q.3 Answer in short. (2 marks each) (20)

1. Give the examples of Bitter Glycosides.
2. Write B.S and Family of Quassia.
3. Explain chemical test used to identify cynogenatic glycosides.
4. Mention the name of Cardiac glycoside containing drugs.
5. Write B.S, Family, C.C., and use of Black mustard.
6. Explain Borntrager's test.
7. Write B.S and Family of Psoralea.
8. Mention the name of Flavanoid glycoside containing drugs.
9. Write B.S and Family of Chirata.
10. Write B.S and use of strophanthus.