

PARUL UNIVERSITY
FACULTY OF PHARMACY
B. Pharm. Winter 2019-20 Examinations

Semester: 6
Subject Code: 08101356
Subject Name: Applied Pharmacognosy

Date: 07/12/2019
Time: 10:00am to 1:00pm
Total Marks: 75

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

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

1. Define plant tissue culture and Give a detail note on micro propagation.
2. Give a detail note on Opium Alkaloids: B. S., Family, Cultivation and collection, Chemical Constituents and uses.
3. Define alkaloids, enumerate various system of classification and discuss chemical classification by citing examples.

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

1. Give a note on bark used in dysentery.
2. Give a note on anti-malarial drug from your syllabus.
3. Give a note on protoplast culture.
4. Give a note on Poisonous Plants.
5. Discuss Plant cell immobilization.
6. Give a note on life cycle of ergot.
7. Write about suspension culture.
8. Give a note on marine cardiovascular agents.
9. Write complete Pharmacognosy of immunomodulator drug from your syllabus.

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

1. Enlist marine anticancer agents.
2. Write botanical source and uses of sinhmukhi.
3. Enlist marine anti-microbial agents.
4. Write about vinca.
5. Write about caffeine.
6. Discuss Ephedra.
7. What is Explant.
8. Write difference between Chota Chand and Bada Chand.
9. Define Synthetic seeds and Plant elicitors.
10. Draw microscopy of drug from loganiaceae family.