

PARUL UNIVERSITY
FACULTY OF PHARMACY
B.Pharm., Winter 2017-18 Examination

Semester: 4**Subject Code: 08101256****Subject Name: Pharmacognosy & Phytochemistry-I****Date: 27/12/2017****Time: 2:00 pm to 5:00 pm****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) (20)

1. Explain different isolation methods of volatile oil.
2. Classify volatile oil and Give a detail note on cardamom.
3. Write classification of resin and give pharmacognosy of asafoetida.

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

1. Define and classify tannins.
2. Write a note on coriander.
3. Enlist ingredients of triphala churna and explain pharmacognosy of any two ingredients.
4. Give pharmacognostical detail of cinnamon.
5. Draw microscopy of fennel and explain it in detail.
6. Write in detail about podophyllum.
7. Explain pharmaceutical aids.
8. Write detail not on animal fibres.
9. Discuss about natural colorants.

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

1. Write gold beater's skin test.
2. Write B.S. family, chemical constituents and use of ginger.
3. Differentiate pale catechue and Black catechue.
4. Write B.S. family, chemical constituents and use of eucalyptus.
5. Give information about adulterants of clove.
6. Write B.S. family, chemical constituents and use of turmeric.
7. Define volatile oil and resin.
8. Differentiate sumtra benzoin and saim benzoin.
9. Write B.S. family, chemical constituents and use of Dill.
10. Pale catechue gives positive match stick test. Comment on it.