

QP CODE: 203326

Reg. No:

**Second Year Pharm D Degree Supplementary Examinations
January 2018**

Pharmacognosy & Phytopharmaceuticals

Time: 3 Hours

Total Marks: 70

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(3x10=30)

1. Define carbohydrates. Explain the sources, preparation, characters, chemical constituents, uses and chemical tests of agar.
2. Explain the various classifications of pharmacognosy in detail with suitable examples.
3. Describe the physical methods of drug adulteration present in herbal drugs.

Short notes

(8x5=40)

4. Pest and pest control
5. Draw and describe the microscopical characters of fennel
6. Mention natural pesticides with their pharmacognostical nature.
7. Absorbent cotton
8. Explain the modern cultivation of senna
9. Define Lipids. Explain the method of extraction of lipids.
10. Explain various cell constituents with a neat labelled diagram.
11. Describe the methods of analysis of proteins
