

**QP CODE:203326**

**Reg.No: .....**

Second Year Pharm D Degree Examinations - November 2013

**Pharmacognosy & Phytopharmaceuticals**

**Time: 3 Hours**

**Total Marks: 70**

- Answer all Questions.
- Draw Diagrams wherever necessary.

**Essay**

**(3x10=30)**

1. Discuss the important factors involved in the cultivation, collection, processing and storage of crude drugs.
2. Describe different methods of adulteration of crude drugs giving suitable examples.
3. Explain the macroscopical and microscopical characters of clove buds with labeled diagrams.

**Short notes**

**(8x5=40)**

4. Name the different types of classifications of crude drugs giving suitable examples.
5. Explain any two methods of extraction of volatile oils from plants giving examples.
6. Cell wall constituents
7. Compare agar and acacia.
8. Significance of Iodine value and saponification value with examples.
9. Explain any two natural pesticides you have studied.
10. How do you test gelatin powder
11. Differentiate raw cotton and absorbent cotton.

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