

**First Year B.Pharm Degree Supplementary Examinations October 2018**

**Pharmacognosy – I**

**(2012 Scheme)**

**Time: 3 Hours**

**Total Marks: 100**

- Answer all Questions.

**Essay**

**(3x10=30)**

1. Describe various methods of cultivation with advantages and disadvantages of each
2. Describe the pharmacognostic features of starch
3. Explain in detail the contribution of the family umbelliferae in providing plants of medicinal values

**Short Notes**

**(14x5=70)**

4. Polyploidy and mutation
5. Source, constituents, preparation and uses of agar
6. Various methods of extraction of volatile oils
7. Source, constituents, uses and tests for asafoetida.
8. Cochineal and shark liver oil
9. Source and preparation of absorbent cotton
10. Natural colors
11. Cultivation, collection and preparation of clove
12. Podophyllum- an important resin containing drug
13. Source, preparation of pale catechu
14. Biological source and preparation of honey
15. Chemical method of classification of crude drugs
16. General morphology and microscopic features of umbelliferous fruits
17. Preparation and uses of sumatra and siam benzoin

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