

**(2010 - Scheme)**

**PHARMACOGNOSY - I**

**Time: 3 Hours**

**Total Marks: 100**

- Answer all Questions.
- Write equations wherever necessary.

**Essay**

**(3x10=30)**

1. Explain the preparation of • agar • benzoin • pale catechu and • castor oil
2. Explain apocyanaceae family with a suitable examples
3. Explain the morphology and microscopy of cassia bark and fennel

**Short notes**

**(14x5=70)**

4. Umbelliferous fruits and morphology of coriander
5. Diatomite and kaolin
6. Identification tests for gum acacia and black catechu
7. Scope of pharmacognosy
8. Chemical method of crude drug classification with merits and demerits
9. Soil as an important factor in crude drug cultivation
10. Plant growth hormones
11. Chemical constituents and uses of turmeric and cannabis
12. Source, constituents and uses of ispaghula and capsicum
13. Purity tests for honey
14. Mention five medicinal plants and its uses from leguminosae family
15. Sources and preparation of starch
16. Silk and nylon (source and preparation)
17. Two examples of drugs from animal origin with their source, chemical constituents and uses

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