

**First Professional B.S.M.S Degree Examinations, September 2016**

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(Medicinal Botany and Pharmacognosy)

**(2013 SCHEME)**

- **Answer all the questions**
- **Draw diagrams wherever necessary**

**Time : 3 Hrs**

**Max.Mark : 100**

**Essays :**

**(2x10=20)**

1. Compare family cucurbitaceae with family apiaceae. Give any four medical plants, its botanical name, medicinal uses and chemical compositions belonging to these families.
2. Describe herbal raw drug standardization in detail.

**Short notes :**

**(10x5=50)**

3. Any five whole plant medicinal uses
4. Diagnostic characters of rubiaceae
5. Petals and stamens characters of fabaceae and caesalpinoidea
6. Explain structure of apothecium
7. Medicinal used fungi
8. What are the plants yields oleo-gum resin
9. Any three medicinal used rhizome
10. Carposporophytic generation of gracillaria
11. Flower characters of malvaceae
12. Explain phytochemical production by tissue culture methods

**Answer briefly :**

**(10x3=30)**

13. What is cypsella
14. Petals of convolvulaceae
15. What is didynamous
16. Fruit of mimosaceae
17. Tropane alkaloid
18. Flower characters of meliaceae
19. Arrangement of zingiberaceae stamens
20. Define spikelets
21. What is ergot
22. Inflorescence of asteraceae