

**Q.P.Code: 201005**

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

**Second Professional B.S.M.S Degree Supplementary Examinations,  
August 2016**

**Marutha Thavara Iyal (Medicinal Botany)  
(2010 Scheme)**

- **Answer all the questions**

**Time : 3hrs**

**Max. Marks:100**

**Essay:**

**(2x10=20)**

1. Describe the diagnostic, vegetative and reproductive characters of the family Solanaceae.
2. Discuss on adulteration in raw drugs and its detection.

**Short Notes:**

**(10x5=50)**

3. Differentiate disc floret and ray floret.
4. Anatomy of adhatoda leaf in transverse section.
5. Cyathium inflorescence.
6. Salient features of the family apiaceae.
7. Medicinally useful plants of menispermaceae.
8. Volatile oil obtained from plants.
9. Hydrophytes and their adaptive characters.
10. Cardiac glycosides.
11. Structure of dryopteris prothallus.
12. Medicinally useful fruits.

**Answer briefly:**

**(10x3=30)**

13. Turpentine.
14. Oak galls.
15. Corolla of fabaceae.
16. Gynandrophore.
17. Conidia.
18. Legume.
19. Catkin.
20. Vasculum.
21. Asafoetida.
22. Series – epigynae.

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