

QP CODE:1506

Reg.No:.....

FIRST YEAR B.PHARM DEGREE MODEL EXAMINATION, JULY 2011

PHARMACOGNOSY

Time: 3 Hours

Total Marks: 100

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

Essay

(2x10=20 marks)

1. Describe the salient features of Apocyanaceae family. Name some medicinally important plants of this family.
2. Classify fibers. Discuss the preparation, identification and uses of absorbent cotton.

Write short notes on:

(10x5=50 marks)

3. Uses of cinnamon and sandal wood
4. Chemo-taxonomical and biological classification of crude drugs
5. Pharmaceutical aids.
6. Umbelliferous fruits.
7. Mutation and Polyploidy
8. Eucelle and hydro-distillation
9. Staining techniques.
10. Differences between cannabis and capsicum
11. Preparation of medicinal castor oil.
12. Chemical tests for benzoin and turmeric

Answer briefly :

(10x3=30 marks)

13. Marine sources of drugs
14. Clearing agents in microscopy
15. Natural colorants
16. Auxins
17. Chemical test for tannins.
18. Biological source, chemical constituents and uses of *Tragacanth*
19. Biological source, chemical constituents and uses of *Clove*
20. Natural pest control agents
21. Bentonite as a pharmaceutical aid.
22. Biological source, chemical constituents and uses of *Colophony*
