

QP CODE:1506

Reg.No:

FIRST YEAR B.PHARM DEGREE EXAMINATION, AUGUST 2011

PHARMACOGNOSY

Time: 3 Hours

Total Marks: 100

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

Essay

(2x10=20)

1. Define pharmacognosy. Classify the crude drugs giving examples to each category
2. Describe the different sources of crude drugs. Describe the plant tissue culture as a source of drugs

Write short notes on:

(10x5=50)

3. Source and constituents of two drugs of leguminosae family
4. What are plant growth hormones. Discuss three applications of any two plant growth hormones.
5. Source, constituents and uses of cinnamon and podophyllum
6. Polyploidy
7. Chemical tests for asafoetida and turmeric
8. Biological source, preparation of oil, chemical constituents, identification tests, and uses of castor oil
9. Define tannins and classify them giving examples. Describe Gold beater's skin test for tannins
10. Volatile oils and their classification giving examples
11. Source, family, chemical constituents and chemical tests for benzoin
12. Pharmaceutical aids

Answer briefly:

(10x3=30)

13. Biofertilizers
14. Garbling
15. Beeswax
16. Pectin
17. Chloral hydrate and HCl
18. Botanical source, family, constituents and uses of nutmeg
19. Sandal wood oil
20. Cochineal
21. Name two drugs containing resin and their uses
22. Future scope of pharmacognosy
