

Advanced Master's Proceedings

Topics for the Advanced Master's State Examination

PHARMACOGNOSY

revision: 2024

1. **Alkaloids** – formation, occurrence, qualitative and quantitative analysis, classification, utilization
2. **Plant cardioactive glycosides** – formation, occurrence, qualitative and quantitative analysis, classification, utilization
3. **Essential oils** – formation, occurrence, qualitative and quantitative analysis, classification, utilization
4. **Polysaccharides, mucilages** – formation, occurrence, qualitative and quantitative analysis, classification, utilization
5. **Methylxanthine derivatives** – formation, occurrence, qualitative and quantitative analysis, classification, utilization
6. **Flavonoids** – formation, occurrence, qualitative and quantitative analysis, classification, utilization
7. **Tannins** – formation, occurrence, qualitative and quantitative analysis, classification, utilization
8. **Anthraquinones** – formation, occurrence, qualitative and quantitative analysis, classification, utilization
9. **Saponins** – formation, occurrence, qualitative and quantitative analysis, classification, utilization
10. **Natural drugs affecting the autonomous neural system**
11. **Natural analgesics: anodynes, analgesics antipyretics**
12. **Natural drugs influencing the activity of the GIT**
13. **Natural drugs influencing the activity of the cardiovascular system**
14. **Natural drugs for the respiratory system**
15. **Cytostatics of plant origin**
16. **Natural drugs influencing the water management of the organism**
17. **Natural antiphlogistics, antiseptics and urodesinfectants**
18. **Animal materials for the preparation of medicines and excipients of animal origin.**
19. **Medicinal teas, methods of preparation; natural modulation of color, odor and taste**
20. **Methods of extraction, separation, isolation of natural substances; identification of natural compounds**