



## EXAM QUESTIONS

### FAR/ZAB11 Pharmacology

#### Academic year 2019/2020

1. Liquid dosage forms
2. Solid dosage forms
3. Antidotes
4. Pharmacology of antidepressants
5. Specific and nonspecific effects of drugs, types of receptors
6. Antiviral drugs - basic informations
7. Drugs used in the treatment of bronchial asthma
8. Sympathomimetics
9. Sympatholytics
10. Parasympathomimetics and acetylcholinesterase inhibitors
11. Parasympatholytics
12. Local anesthetics of the amide type
13. Local anesthetics of the ester type
14. General anesthetics
15. Vasodilating drugs - including coronary vasodilators
16. Analgesics - Antipyretics group of salicylates and coxibs
17. Basic overview of neuroleptics
18. Nootropic agents and psychostimulants
19. Pharmacology of glucocorticoids
20. H1 antihistamines
21. H2 antihistamines
22. Local anesthetics with respect to the application, medical background and anamnesis of the patient in dentistry
23. Pharmacology of drugs used in diabetes mellitus
24. List of adverse effects of antibiotics
25. Pharmacotherapy during pregnancy, in children and the elderly
26. The role of cytochrome P450 in drug metabolism
27. Antitussives, expectorants
28. Ethyl alcohol, acute and chronic intoxication, drug interactions
29. Lipid lowering agents (drugs affecting mainly level of cholesterol)
30. Development of new drugs
31. Drug interactions and their practical implications in the therapy
32. The therapy of pain in dentistry (except local anesthetics)
33. Drugs that increase the possibility of bleeding (except heparin and warfarin)
34. Direct and indirect anticoagulants
35. Pharmacology of drugs used for insomnia



36. Factors affecting drug pharmacokinetics
37. Basic characteristics of a group of antiarrhythmic and cardiotonic drugs
38. Drugs affecting the gastrointestinal tract (with the exception of peptic ulcer disease)
39. Hormonal contraception, adverse effects and contraindications
40. Antibiotics used in dentistry
41. Analgesics - Antipyretics group of aniline derivatives, compared with salicylates
42. Pharmacology of vitamins
43. Analgesics – anodyne I. (morphine, codeine)
44. Analgesics - anodyne II. (except morphine and codeine)
45. Fundamentals of cancer chemotherapy
46. Drug interactions
47. Side effects of the drugs in dentistry
48. Pharmacopoeia, drug nomenclature, TDM
49. Drugs used to reduce anxiety and psychological tension in dentistry
50. Pharmacokinetic I (half-life, biological availability, volume of distribution, the bound and free form of drugs)
51. Problems of drug dependence
52. Pharmacokinetic II. (biotransformation of drugs, routes of elimination)
53. Pharmacotherapy of chronic and severe pain
54. Pharmacology of drugs used in allergic reactions and anaphylaxis
55. Hypolipidemics II (drugs affecting primarily level of triglycerides)
56. Pharmacology of drugs used to treat hypertension I. (diuretics, beta-blockers, calcium channel blockers)
57. Pharmacology of drugs used to treat hypertension II. (ACE inhibitors, Angiotensin II receptor inhibitors)
58. Medications used to treat peptic ulcer disease
59. Analgesics - Antipyretics (ibuprofen, diclofenac, piroxicam)
60. Antiepileptic drugs