Exem questions II

1. **M-cholinomimetics**. Classification. **.** Pharmacological effects on the heart, blood vessels, smooth muscle, glands, eyes. Toxic effects. Therapeutic uses of M-cholinomimetics.

2. **Anticholinesterases (M,N- indirect-acting cholinomimetics).** Classification. Muscarinic effects on the heart, blood vessels, smooth muscle, glands, eyes. Nicotinic effects on *a*utonomic ganglia and skeletal muscles. Toxic effects. Therapeutic uses.

3. **Organophosphate poisoning**. Causes (toxic effects on the the CNS, heart, blood vessels, smooth muscle, glands, eyes and skeletal muscles). Treatment (specific antidotes).

4. **Antimuscarinic agents** (M-cholinoblockers). Classification. Pharmacological effects on the heart, blood vessels, smooth muscle, glands, eyes. Therapeutic uses

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5. **Atropine**. Pharmacological effects on the heart, blood vessels, smooth muscle, glands, eyes. Therapeutic uses. Toxic effects. Treatment of atropine poisoning.

6. **Skeletal muscle relaxants.** Classification. Nondepolarizing (competitive) blockers and depolarizing blockers. Mechanisms of action. Pharmacological effects. Therapeutic uses.

7. **Adrenomimetics.** Classification. **α and β -adrenomimetics**. Pharmacological effects on the heart, blood vessels, splenic capsule, smooth muscle, radial muscles of iris. Therapeutic uses

8. **β-adrenomimetics.** Classification. Pharmacological effects on the heart, blood vessels, smooth muscle, liver, kidneys and fat. Therapeutic uses. Adverse effects of β-adrenomimetics.

9. **α-adrenoblockers.** Classification**. Phentolamine.** Pharmacological effects on the heart, blood vessels, smooth muscle. Therapeutic uses. Adverse effects.

10. **β-adrenoblockers.** Classification**. Propranolol.** Pharmacological effects on the heart, blood vessels, kidney, eyes, smooth muscle. Therapeutic uses. Adverse effects.

11. **Insulin.** Mechanism of action, therapeutic uses, adverse effects.

12. **Drugs for peptic ulcer.** Antimicrobial agents. Antacids**.** Antisecretor agens**.** Mucosal protective agent.

13. **Drags affecting blood.** Classification. **Heparin.** . Mechanism of action, therapeutic uses, adverse effects.

14. **Antianginal drugs.** Classification. **Nitroglycerin.** Mechanism of action, therapeutic uses, adverse effects.

15. **Diuretics.** Classification. **Furosemide.** Mechanism of action. Therapeutic uses, adverse effects.

16. **Antihypertensive drugs.** Classification. **Captopril.** Mechanism of action, therapeutic uses, adverse effects.

17. **Drugs for treatment of asthmatic attack.** Classification. Mechanisms of action, and adverse effects.

18. **Neuroleptic drugs**. Classification. **Haloperidol.** Mechanism of action, therapeutic uses, adverse effects.

19. **Opioid analgesics.** Classification. **Morphine**. Mechanism of action. Pharmacological effects, therapeutic uses, adverse effects.

20. **Antibiotics - inhibitors of cell wall synthesis.** Classification. **Ceftaroline.** Mechanism of action. Antibacterial spectrum. Adverse effects.

21. **Antibiotics - inhibitors of cell wall synthesis.** Classification. **Ceftaroline.** Mechanism of action. Antibacterial spectrum. Adverse effects.

22. **Antibiotics - protein synthesis inhibitors.** Classification. **Doxycycline.** Mechanism of action, antibacterial spectrum, adverse effects.

23. **Antibiotics - protein synthesis inhibitors.** Classification. **Chloramphenicol.** Mechanism of action, antibacterial spectrum, adverse effects.

24. **Antibiotics - protein synthesis inhibitors.** Classification. **Aminoglycosides.** Mechanism of action, antibacterial spectrum, adverse effects.

25. **Anticancer drugs.** Classification. **Doxorubicin**. Mechanism of action, fnticancer spectrum, adverse effects.