

## **PHARMACOLOGY questions for the professional title (Pharm.Dr.) exam**

- 1. Antipsychotic drugs** – *mechanisms of action, clinical use and efficacy*
- 2. Hypnotic and anxiolytic drugs** – *mechanisms of action, clinical use and efficacy*
- 3. Antidepressant drugs** – *mechanisms of action, clinical use and efficacy*
- 4. General and local anaesthetics** – *mechanisms of action, clinical use and efficacy*
- 5. Neurodegenerative diseases (Antiparkinsonics and Drugs against dementia)** *mechanisms of action, clinical use and efficacy*
- 6. Drugs against epilepsy (Antiepileptics)** – *mechanisms of action, clinical use and efficacy*
- 7. Alpha- and beta-adrenergic agonists** – *mechanisms of action, clinical use and efficacy*
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- 9. Cholinergic transmission. Cholinergic agonists and antagonists** – *mechanisms of action, clinical use and efficacy*
- 10. Analgesics (morphine like) drugs** – *mechanisms of action, clinical use and efficacy*
- 11. Analgesic-antipyretic drugs and NSAIDs** – *mechanisms of action, clinical use and efficacy*
- 12. Antihypertensives** – *mechanisms of action, clinical use and efficacy*
- 13. Drugs against heart failure (acute, chronic)** – *mechanisms of action, clinical use and efficacy*

14. **Antidysrhythmic drugs** – *mechanisms of action, clinical use and efficacy*
15. **Antianginal drugs** – *mechanisms of action, clinical use and efficacy*
16. **Lipid-lowering drugs** – *mechanisms of action, clinical use and efficacy*
17. **Diuretics** – *mechanisms of action, clinical use and efficacy*
18. **Drugs influencing blood coagulation** – *mechanisms of action, clinical use and efficacy*
19. **Antiasthmatics** – *mechanisms of action, clinical use and efficacy*
20. **Histamine antagonists (Antihistamines)** – *mechanism of action, clinical use and efficacy*
21. **Muscle relaxants (peripherally and centrally acting)** – *mechanisms of action, clinical use and efficacy*
22. **Antiulcer drugs** – *mechanisms of action, clinical use and efficacy*
23. **Laxative and antidiarrhoeal agents** – *mechanisms of action, clinical use and efficacy*
24. **Sex hormones and drugs used for contraception** – *mechanisms of action, clinical use and efficacy*
25. **Glucocorticoids and mineralocorticoids** – *mechanisms of action, clinical use and efficacy*
26. **Insulin and antidiabetic drugs** – *mechanisms of action, clinical use and efficacy*
27. **Drugs used for cough (Antitussives and Expectorans)** – *mechanisms of action, clinical use and efficacy*
28. **Antimicrobial agents that interfere with bacterial cell wall ( $\beta$ -lactam antibiotics)** – *classification, mechanisms of action, clinical use and efficacy*

- 29. Antimicrobial agents affecting bacterial protein synthesis (macrolides, lincosamides, aminoglycosides, tetracyclines and chloramphenicol) – *mechanisms of action, clinical use and efficacy***
- 30. Antimicrobial agents affecting bacterial cell nucleus (fluoroquinolones, nitroimidazoles, nitrofuranes) – *mechanisms of action, clinical use and efficacy***
- 31. Drugs used to treat tuberculosis – *mechanisms of action, clinical use and efficacy***
- 32. Anticancer drugs – *mechanisms of action, clinical use and efficacy***

