

Social Pharmacy and Retail Pharmacy

Rigorous Examination Questions

1. Social pharmacy and its position in the system of healthcare – the aim, basic terminology, characteristics. Medicine information provided by pharmacists for professionals and public. Counselling about medicines. Summary of the product characteristic. Patient information leaflet.
2. Drug life cycle - process, stages, and legislative regulation. The role of the pharmacist in self-care and self-medication. Patient-oriented care. Efficiency and safety of self-treatment.
3. Drug safety. Pharmacovigilance. Falsified medicines. Community (public) pharmacies – characteristics, functions, and position in the healthcare. Pharmaceutical services.
4. Production of medicines. Drug manufacturers and their responsibilities. A batch of medicines. and their responsibilities. Packaging of drugs. Good manufacturing practice. Pharmaceutical care and public health. The role of pharmacists in prevention of diseases and promotion of health.
5. Distribution of drugs. Good distribution practice. Pharmacopeia and its importance in pharmacy. The European Pharmacopoeia.
6. Healthcare insurance and its principles. Reimbursement for medicines. Economic agenda in retail pharmacy. Stock Control. Receipt of goods. Invoices. Cash flow. Monitoring Ward Stocks. Financial Controls.
7. Pharmacoeconomics and Health Technology Assessment – characteristics, applications in healthcare, methods and studies. Pharmaceutical care. Good pharmaceutical practice.
8. Research and Development of Medical Products. Clinical trials. Good clinical practice. Hospital pharmacy - characteristics, functions and position in the healthcare.

9. Original and generic medicines. Generic prescription, substitution. Pharmaceutical Ethics. Professional responsibility of pharmacist. Ethical issues in providing health care.
10. Registration of medicines – Marketing authorization in pharmacy (National and European). Medicine interactions and adverse reactions. Medical prescription from point of view of adverse drug reactions (interactions, contra-indications). Pharmacy softwares, searching for interactions according to active substance.
11. Pharmacoepidemiology. Introduction, methods, application. Communication aspects of pharmacy care. Pharmacist communication with other healthcare professionals and patients. Special groups and their needs (older patients, pregnant and lactating women, children).
12. Drug consumption. Drug utilisation studies. Daily defined doses. Factors affecting drug consumption. ATC classification of medicines. Narcotic drugs and psychotropic substances. Prescribing and dispensing of narcotic drugs, characteristics of narcotic drugs.
13. Price of medicines and its regulation. Reimbursement of medicines. Prescription of medicines – responsibility of prescribers and pharmacists. Dispensing information of pharmacists. E-health in pharmacy.
14. Healthcare providers – position of pharmacists. Professional organizations in pharmacy. International cooperation and institutions in pharmacy. Individually prepared medicines in pharmaceutical practice (magistral medicines). Pharmacy preparation of IPM in community (public) and hospital pharmacies.
15. Marketing in pharmacy. Advertising of medicines and its regulation. Assortment in pharmacy. Drugs and medical devices - OTC, food supplements, medical cosmetics, phytopharmaceuticals, homeopathics, veterinary medicine.