

### *Task for exam*

1. *The student should know the definition of a group, classification, nomenclature, mechanism of action, indications, side effects and contraindications of the following pharmacological groups:*

- drugs that affect the afferent section of the nervous system;
- drugs that affect the efferent section of the nervous system;
- antiallergic drugs;
- correctors of pain and inflammation;
- drugs that affect the central nervous system;
- drugs that affect the gastrointestinal tract;
- drugs that affect the respiratory system;
- drugs that affect the cardiovascular system;
- drugs that affect the urinary system;
- drugs that affect the blood system;
- hormonal and antihormonal drugs;
- drugs affecting myometrium;
- vitamin preparations;
- antidotes;
- antiseptics and disinfectants;
- antibiotics
- sulphonamides;
- quinolone derivatives;
- anti-tuberculosis drugs;
- antifungal drugs;
- antiviral drugs;
- anthelmintic drugs;
- antitumor drugs;
- antiprotozoal drugs.

2. *The student should know the basic questions of general pharmacology:*

- definition of a medicine, a medicinal substance, a dosage form, pharmacodynamics;
- typical mechanisms of drug action;
- types of action of drugs;
- route of administration of drugs;
- principles of dosing of drugs;
- pharmacokinetics of drugs;
- phenomena occurring from the combined use of drugs;
- factors affecting the pharmacodynamics and pharmacokinetics of drugs.

3. *The student should be able to adjust medicinal prescriptions.*