

Questions for the final lesson on the thematic block

"Medicinal tea collections. Total (native) dosage forms of medicinal plant raw materials and raw materials of animal origin".

1. Stages of development of production of medicines from natural raw materials.
2. Natural sources of medicines. Prerequisites for the creation of medicines on the basis of natural raw materials. Ways of development of pharmaceutical industry.
3. Medicinal plants and medicinal plant raw materials. Characteristics of medicinal plant raw materials as a source of drugs.
4. Characteristics of raw materials of animal origin. Examples of medicinal remedies derived from raw materials of animal origin.
5. Characteristics of raw materials of mineral origin. Examples of medicinal remedies on its basis. Component composition.
6. Characteristics of micro preparations and sources of their obtaining. Chemical Nature of products of microorganisms vital activity. Examples of drugs on their basis. Main mechanisms of pharmacological action of micro preparations.
7. Chemical composition of natural raw materials. The concept of active substances. Polyvalence of the action of drugs from natural raw materials.
8. Classification of phytopreparations depending on their chemical composition and degree of purification.
9. Main groups of biologically active substances of raw materials of animal origin. Examples of medicines based on them.
10. Peculiarities of standardisation of medicines from natural raw materials and sources of their obtaining.
11. Extraction. Characterisation of the main physical and chemical phenomena, occurring in the process of extraction (diffusion, osmosis, dialysis).
12. Peculiarities of extraction of fresh and dried medicinal plant raw materials, as well as raw materials of animal origin.
13. Collections as a medicinal form. Types of classification of collections. Advantages and

disadvantages of this medicinal form.

14. Simple collections. Nomenclature of simple collections. Stages of manufacture.

15. Complex assemblies. Nomenclature of complex assemblies. Analysis of assemblies.

16. Infusions. Nomenclature of infusions. Technological aspects of making infusions.

Analysis of the dosage form.

17. Decoctions. Nomenclature of decoctions. Technological aspects of making decoctions.

Analysis of the dosage form.

18. Tinctures. Nomenclature of tinctures. Principles of obtaining tinctures from medicinal plant raw materials. Analysis of tinctures.

19. Liquid extracts. Nomenclature of liquid extracts. Principles of obtaining Liquid extracts from medicinal plant raw materials. Analysis of liquid extracts.

20. Thick extracts. Nomenclature of thick extracts. Principles of obtaining Dense extracts from medicinal plant raw materials. Analysis of thick extracts.

21. Dry extracts. Nomenclature of dry extracts. Principles of obtaining dry extracts from medicinal plant raw materials. Analysis of dry extracts.