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List of questions for the final lesson of the content module 1 1 The concept of "infection", "infectious process", "infectious disease". Features of infectious diseases. 2 The main stages of development of infectology. Scientific contribution of domestic and foreign scientists to the study of infectious diseases. 3 History of the Department of Infectious Diseases and Epidemiology of Sumy State University. 4 Classification of infectious diseases. 5 Principles of diagnosis of infectious diseases. 6 Methods of specific diagnosis of infectious diseases. 7 Principles of prevention of infectious diseases. 8 Principles of treatment of infectious diseases. 9 Structure and mode of operation of an infectious diseases hospital. Indications for hospitalization, rules of examination and discharge of patients from an infectious hospital. Features of medical documentation.

- 10 General characteristics of infectious diseases with fecal-oral mechanism of transmission.
- 11 Typhoid fever, paratyphoid A and B: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Procedure of hospitalization, rules of discharge of patients from infectious hospital.
- 12 Cholera: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Procedure of hospitalization, rules of discharge of patients from infectious hospital.
- 13 Dehydration shock: definition, pathogenesis, clinical manifestations, differential diagnosis. Clinical and laboratory diagnosis of water-electrolyte disorders at different degrees of dehydration. Emergency care.
- 14 Salmonellosis: etiology, epidemiology, classification, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Procedure of hospitalization, rules of discharge of patients from infectious hospital.
- 15 Food toxic infections: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Indications for hospitalization, rules for discharge of patients from an infectious hospital.
- 16 Rotavirus infection: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Indications for hospitalization, rules for discharge of patients from an infectious hospital.
- 17 Enterovirus diseases: etiology, epidemiology, classification, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Indications for hospitalization, rules for discharge of patients from infectious hospital.

- 18 Poliomyelitis: etiology, epidemiology, classification, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, prognosis, principles of treatment and prevention.
- 19 Intestinal yersinosis: etiology, epidemiology, classification, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Hospitalization procedure, rules of discharge of patients from infectious hospital.
- 20 Pseudotuberculosis: etiology, epidemiology, classification, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Procedure of hospitalization, rules of discharge of patients from infectious hospital.
- 21 Shigellosis: etiology, epidemiology, classification, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Hospitalization procedure, rules of discharge of patients from infectious hospital.
- 22 Amebiasis: etiology, epidemiology, classification, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Hospitalization procedure, rules of discharge of patients from infectious hospital.
- 23 Giardiasis: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention.
- 24 Balantidiasis: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention.
- 25 Botulism: etiology, epidemiology, classification, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, prognosis, treatment, prevention. The order of hospitalization, rules of discharge of patients from the hospital.

- 26 Classification of helminthiasis. Influence of helminths on the human body. Methods of laboratory diagnosis of helminthiasis.
- 27 Ascariasis: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention.
- 28 Enterobiasis: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention.
- 29 Trichocephalosis: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention.
- 30 Ankylostomiasis: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention.
- 31 Strongyloidiasis: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention.
- 32 Trichinosis: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention.
- 33 Dirofilariasis: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, complications, treatment, prevention
- 34 Toxocariasis: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, complications, treatment, prevention.
- 35 Diphyllobothriosis: etiology, epidemiology, pathogenesis, clinical course, laboratory

Written by Infection Saturday, 14 January 2023 02:00 - Last Updated Saturday, 14 January 2023 10:25 diagnosis, differential diagnosis, complications, treatment, prevention. 36 Teniary heartworm: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. 37 Teniasis, cysticercosis: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. 38 Hymenolepidosis: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. 39 Echinococcosis: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. 40 Alveococcosis: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, complications, treatment, prevention. 41 Opisthorchiasis: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. 42 Schistosomiasis: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, complications, treatment, prevention. LIST OF MANDATORY PRACTICAL SKILLS

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1 Indications for hospitalization of patients in the hospital.
2 Methods of administration of therapeutic serums.
3 Blood sampling for hemoculture.
4 Blood sampling for serological studies.
5 Sampling of material (urine, stool, bile) for bacteriological examination.
6 Sampling of material for virus testing.
7 Gastric lavage.
8 Intestinal lavage.
9 Rectoromanoscopy.
10 Fecal ovoscopy.
List of questions for the final lesson of content module 2

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1 General characteristics of infectious diseases of the respiratory tract.

2 Influenza: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Indications for hospitalization.

3 Parainfluenza: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Indications for hospitalization.

4 Adenovirus disease: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Indications for hospitalization.

- 6 Rhinovirus infection: etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Indications for hospitalization.
- 7 Classification of human herpesviruses. General characteristics of herpesvirus diseases.
- 8 Herpes infection: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Indications for hospitalization.
- 9 Chickenpox. Herpes zoster. Etiology, epidemiology, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Indications for hospitalization, rules for discharge of patients from the hospital.

- 10 Infectious mononucleosis: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Indications for hospitalization.
- 11 Features of the course of herpesvirus infections in patients with HIV / AIDS.
- 12 Measles: etiology, epidemiology, pathogenesis, classification, clinic, features of the course in adults, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Indications for hospitalization, rules for discharge of patients from infectious hospital.
- 13 Rubella: etiology, epidemiology, pathogenesis, classification, clinic, features of the course in adults, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Indications for hospitalization, rules for discharge of patients from an infectious hospital.
- 14 Mumps virus disease: etiology, epidemiology, pathogenesis, classification, clinic, features of the course in adults, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Indications for hospitalization, rules of discharge of patients from infectious hospital.
- 15 Diphtheria: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Hospitalization procedure, rules of discharge from infectious hospital.
- 16 Meningococcal infection: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, principles of treatment of various clinical forms, emergency care at the prehospital stage, prevention. Procedure of hospitalization, rules of discharge of patients from infectious hospital.
- 17 Infectious toxic shock: definition, pathogenesis, classification, clinical and laboratory diagnosis, principles of treatment, emergency care at the prehospital stage.

Written by Infection Saturday, 14 January 2023 02:00 - Last Updated Saturday, 14 January 2023 10:25 18 Edema - swelling of the brain: definition, pathogenesis, classification, clinical and laboratory diagnosis, principles of treatment, emergency care at the prehospital stage. 19 Respiratory mycoplasmosis: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, principles of treatment of various clinical forms, prevention. Indications for hospitalization. 20 Ornithosis: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, principles of treatment of various clinical forms, prevention. Indications for hospitalization. 21 Legionellosis: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, principles of treatment of various clinical forms, prevention. Indications for hospitalization. 22 Acute respiratory failure: definition, classification, pathogenesis, clinical and laboratory diagnosis, principles of treatment, emergency care at the prehospital stage. LIST OF MANDATORY PRACTICAL SKILLS 1 Skin allergy test with ornithine. 2 Skin allergy test with tuberculin (for tuberculosis).

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Saturday, 14 January 2023 02:00 - Last Updated Saturday, 14 January 2023 10:25 3 Method of administration of therapeutic sera. 4 Blood sampling for serological tests. 5 Sampling of material for virus testing. 6 Lumbar puncture. 7 Bladder catheterization. 8 Indications for hospitalization of patients in the hospital. 9 Indirect (closed) heart massage. 10 Tracheal intubation. 11 Artificial ventilation of the lungs. 12 Puncture of the pleural cavity. List of questions for the final lesson of content module 3:

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1 General characteristics of blood infectious diseases. 2 Viral hepatitis A: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, principles of treatment, prevention. Indications for hospitalization, rules of discharge of patients from infectious hospital. 3 Viral hepatitis E: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, principles of treatment, prevention. Indications for hospitalization, rules of discharge of patients from infectious hospital. 4 Viral hepatitis B: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, principles of treatment, prevention, prognosis. Indications for hospitalization, rules for discharge of patients from an infectious hospital. 5 Viral hepatitis C: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, principles of treatment, prevention, prognosis. Indications for hospitalization, rules for discharge of patients from an infectious hospital. 6 Viral hepatitis D: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, principles of treatment, prevention, prognosis. Indications for hospitalization, rules for discharge of patients from an infectious hospital. 7 Differential diagnosis of jaundice. 8 Fulminant viral hepatitis: pathogenesis, clinical and laboratory diagnosis, principles of treatment.

Written by Infection Saturday, 14 January 2023 02:00 - Last Updated Saturday, 14 January 2023 10:25 9 Chronic viral hepatitis: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, principles of treatment, prognosis. 10 HIV infection: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, principles of treatment, prevention, prognosis. The order of hospitalization, examination, medical examination. 11 AIDS-associated protozoan infections: pneumocystis pneumonia, cryptosporidiosis, isosporosis, cerebral toxoplasmosis. Clinical and laboratory diagnostics. Principles of treatment and prevention. Indications for hospitalization. 12 AIDS-associated mycoses: candidiasis, cryptococcosis. Clinical and laboratory diagnosis. Principles of treatment and prevention. Indications for hospitalization. List of questions for the final lesson of content module 4: 1 General characteristics of infectious diseases with a transmissible mechanism of transmission. 2 Malaria: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Indications for examination for malaria. The order of hospitalization, the rules of discharge of patients from an infectious hospital.

3 Leishmaniasis: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, complications, principles of treatment and prevention. Indications for hospitalization.

- 4 Dengue fever: etiology, epidemiology, classification, pathogenesis, clinical course, laboratory diagnosis, complications, prognosis, principles of treatment and prevention.
- 5 Pappataci fever: etiology, epidemiology, classification, pathogenesis, clinical course, laboratory diagnosis, complications, prognosis, principles of treatment and prevention.
- 6 Tick-borne encephalitis: etiology, epidemiology, classification, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, prognosis, principles of treatment and prevention.
- 7 Lyme disease: etiology, epidemiology, classification, pathogenesis, clinical course, laboratory diagnosis, differential diagnosis, complications, prognosis, principles of treatment and prevention.
- 8 Epidemic typhus and Brill's disease: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Hospitalization procedure, rules of discharge of patients from infectious hospital.
- 9 Epidemic relapsing typhus: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, complications, treatment, prevention. Hospitalization procedure, rules of discharge of patients from infectious hospital.
- 10 Q-fever: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Procedure of hospitalization, rules of discharge of patients from infectious hospital.
- 11 Marseille fever: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. The order of hospitalization, rules of discharge of patients from infectious hospital.

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LIST OF MANDATORY PRACTICAL SKILLS 1 Skin allergy test with brucellin (Byrne reaction in brucellosis). 2 Blood sampling for sterility. 3 Blood sampling for serological studies. 4 Blood sampling for biochemical research. 5 Blood test for malaria plasmodium. 6 Sampling of material for virus testing. 7 Lumbar puncture. 8 Fractional duodenal probing. 9 Determination of bile pigments in urine (Rosin test).

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Saturday, 14 January 2023 02:00 - Last Updated Saturday, 14 January 2023 10:25 10 Rapid laboratory tests for rapid diagnosis of infectious diseases 11 Indications for hospitalization of patients in the hospital. List of questions for the final lesson of the content module 5 1 General characteristics of infectious diseases with wound transmission mechanism. 2 Leptospirosis: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Hospitalization procedure, rules of discharge of patients from infectious hospital. 3 ARDS: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, treatment, prevention. Procedure of hospitalization, rules of discharge of patients from infectious hospital. 4 Acute renal failure: definition, pathogenesis, classification, clinical and laboratory diagnosis, principles of treatment, emergency care at the prehospital stage. 5 Rabies: etiology, epidemiology, classification, pathogenesis, clinical course, diagnosis, differential diagnosis, complications, prognosis, principles of treatment and prevention. The order of hospitalization. 6 Tetanus: etiology, epidemiology, classification, pathogenesis, clinical course, diagnosis, differential diagnosis, complications, prognosis, principles of treatment and prevention. The order of hospitalization.

- 7 Leprosy: etiology, epidemiology, classification, pathogenesis, clinical course, diagnosis, differential diagnosis, complications, prognosis, principles of treatment and prevention. Indications for hospitalization.
- 8 Felinosis: etiology, epidemiology, classification, pathogenesis, clinical course, diagnosis, differential diagnosis, complications, prognosis, principles of treatment and prevention. Indications for hospitalization.
- 9 Erysipeloid: etiology, epidemiology, classification, pathogenesis, clinical course, diagnosis, complications, prognosis, principles of treatment and prevention. Indications for hospitalization.
- 10 Disease from rat bite: sodoku, streptobacillosis. Etiology, epidemiology, classification, pathogenesis, clinical course, diagnosis, complications, prognosis, principles of treatment and prevention. Indications for hospitalization.
- 11 Definition of "extremely dangerous" and "quarantine" diseases.
- 12 General characteristics of infectious diseases with multiple mechanisms of transmission.
- 13 Plague: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, prognosis, treatment, prevention. The order of hospitalization, the rules of discharge of patients from an infectious hospital. Preventive measures in the focus.
- 14 Anthrax: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, prognosis, treatment, prevention. The order of hospitalization, the rules of discharge of patients from an infectious hospital. Preventive measures in the focus.

- 15 Tularemia: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, prognosis, treatment, prevention. The order of hospitalization, the rules of discharge of patients from an infectious hospital. Preventive measures in the focal point.
- 16 Smallpox: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, complications, prognosis, principles of treatment and prevention.
- 17 Yellow fever: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, prognosis, treatment, prevention. Hospitalization procedure, rules of discharge of patients from infectious hospital.
- 18 Congo-Crimean fever: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, prognosis, treatment, prevention. Hospitalization procedure, rules of discharge of patients from infectious hospital.
- 19 Marburg, Ebola, Lassa fevers: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, complications, prognosis, treatment, prevention. Hospitalization procedure, rules of discharge of patients from infectious hospital.
- 21 Brucellosis: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, prognosis, treatment, prevention. Procedure of hospitalization, rules of discharge of patients from infectious hospital.
- 22 Sepsis: definition, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, prognosis, principles of treatment and prevention. The order of hospitalization, rules of discharge of patients from the hospital.
- 23 The concept of febrile syndrome of unknown genesis. Algorithm of examination of patients.

Written by Infection Saturday, 14 January 2023 02:00 - Last Updated Saturday, 14 January 2023 10:25 24 Concept of TORCH-infections: definition, etiology, epidemiology, clinical and laboratory diagnosis, prognosis. Principles of examination, treatment and prevention. 25 Toxoplasmosis: etiology, epidemiology, pathogenesis, classification, clinical course, laboratory diagnosis, differential diagnosis, complications, prognosis, principles of treatment and prevention. Indications for hospitalization. 26 Nosocomial infections: general characteristics, features of clinical course, diagnosis, principles of treatment and prevention. 27 Anaphylactic shock: pathogenesis, classification, clinical manifestations, differential diagnosis, emergency care. 28 Serum sickness: pathogenesis, clinical manifestations, differential diagnosis, emergency care. LIST OF MANDATORY PRACTICAL SKILLS 1 Conducting skin allergy test with toxoplasmin. 2 Conducting skin allergy test with tularine. 3 Conducting skin allergy test with anthraxin. 4 Methods of administration of therapeutic serums.

