

## Questions for interim certification and exam preparation

### First semester.

- 1) Form of interim certification according to the curriculum-credit
- 2) Form of organization of interim certification-written testing and oral interview.
- 3) List of topics and questions to prepare for the interim certification:

#### Life safety:

1. Life safety. Definition and main tasks.
2. Basic principles of life safety.
3. Inhabitancy. Definition and basic concepts.
4. Characteristics of the main types of life safety.
5. Labour protection. The definition of the main directions of state policy.
6. The legal basis of life safety. Basic concept.
7. Harmful factors affecting the activities of medical workers in the performance of their professional duties.
8. Occupational health and safety system in health facilities.
9. Duties of the employee as an important element of the system of labor protection and safety.
10. Requirements for the safety of medical personnel.
11. Characteristics of threats to life and health of patients in medical institutions.
12. Ensure patient safety.
13. What is the technosphere?
14. Types of human impact in the environment.
15. Natural hazards, their characteristics.
16. Anthropogenic hazards, their characteristics.
17. Man-made hazards, their characteristics.
18. Life safety, give a definition, what are the main tasks.
19. Environmental protection, give a definition, what are the main tasks.
20. Healthy lifestyle. Basic concept.
21. Life safety as the basis of a healthy lifestyle.
22. Environmental factors affecting health.
23. Smoking and human health.
24. The effect of alcohol on the human body.
25. Drugs addiction. General concept.
26. Mobilization, definition, purpose.
27. Mobilization training, definition, purpose.
28. Basic formation of health care for medical support of military operations.
29. Observational points: definition, history, tasks, base of creation, order of work.
30. Operational beds: definition, history of the name, the base of creation, tasks.
31. Rear hospital: definition, purpose, classification.
32. Definition and list of first aid measures.
33. List of conditions for first aid.
34. General rules for first aid.
35. General principles of first aid
36. The contents of first aid measures in case of thermal lesions.
37. The content of first aid measures for lesions of toxic substances.
38. Means of first aid for injuries.
39. First aid treatment for bleeding.
40. First aid equipment for bone fractures.

## Typical test tasks

1. An ordered set of bodies, officials and organizational relationships designed to manage activities to preserve the life and health of workers in the process of work is called ...
  - A) occupational health and safety system
  - B) employee safety system
  - B) labor protection rules
  - Г) production discipline
2. Habitat is divided into species ...
  - A) natural and technogenic
  - B) technogenic and man-made
  - B) natural and rural
  - Г) production and household

### Seventh semester.

- 1) Form of interim certification according to the curriculum-credit
- 2) Form of organization of interim certification-written testing and oral interview.
- 3) List of topics and questions to prepare for the interim certification:

#### Disaster medicine:

1. Tasks and organizational structure of the Unified state system of prevention and liquidation of emergency situations.
2. General description of emergency situations.
3. Damaging factors of emergency sources.
4. The order of functioning of the Unified state system of prevention and liquidation of emergency situations.
5. Tasks and organizational structure of the all-Russian disaster medicine service.
6. Formation and establishment of the service of disaster medicine, the order of their functioning.
7. Basics of organization of medical and evacuation support of the population in emergency situations.
8. Types and scope of medical care.
9. Medical evacuation stage, basic concepts, deployment concept.
10. Medical triage of the affected in emergency situations.
11. First aid, basic measures and procedures.
12. Pre-hospital (medical assistant) medical care, basic measures and procedure of rendering.
13. Medical aid, basic measures and procedure of rendering.
14. Medical evacuation of affected persons in emergency situations.
15. Features of medical support in the aftermath of emergency situations of transport and road transport.
16. Features of medical support in the aftermath of explosions and fires.
17. Organization of medical support for the population in the aftermath of earthquakes.

18. Goals and objectives of sanitary and antiepidemic provision of the population in emergency situations.
19. Characteristics of factors contributing to the development of epidemics in the emergency zone.
20. Organization of medical support for the population in the aftermath of floods.
21. Organization of antiepidemic measures in the epidemic hotbed of emergency.
22. Preparation and organization of work of medical institutions in emergency situations.
23. Evacuation of medical institutions to a safe area.
24. Characteristics and classification of medical property.
25. Organization of medical supply in case of emergency response.
26. Psychotraumatic factors of emergency situations.
27. Features of development of neuropsychiatric disorders in rescuers in emergency situations.
28. Medical and psychological protection of the population and rescuers in emergency situations.
29. Features of development of neuropsychiatric disorders in the population in emergency situations.
30. General characteristics of the forces and means of military medical service involved in the elimination of emergency situations.

### **Typical test tasks**

1. The pediatric surgical team of emergency medical care does not include:
  - A). neurosurgeon
  - Б). surgeon
  - B). doctor-the traumatologist-orthopedist
  - Г). anesthesiologist-resuscitator
  
2. Earthquake refers to one of the types of disasters:
  - A). natural
  - Б). technogenic
  - B). antropogenic
  - Г). social

### **Tenth semester**

- 1). Form of interim certification according to the curriculum-exam.
- 2). Form of organization of interim certification-written testing and oral interview on tickets.
- 3). List of topics, questions, practical tasks for preparation for the interim certification:

### **Life safety, disaster medicine, toxicology:**

1. Life safety. Definition and main tasks.
2. Basic principles of life safety.
3. Inhabitancy. Definition and basic concepts.
4. Characteristics of the main types of life safety.

5. Labour protection. The definition of the main directions of state policy.
6. The legal basis of life safety. Basic concept.
7. Harmful factors affecting the activities of medical workers in the performance of their professional duties.
8. Occupational health and safety system in health facilities.
9. Duties of the employee as an important element of the system of labor protection and safety.
10. Requirements for the safety of medical personnel.
11. Characteristics of threats to life and health of patients in medical institutions.
12. Ensure patient safety.
13. What is the technosphere?
14. Types of human impact in the environment.
15. Natural hazards, their characteristics.
16. Anthropogenic hazards, their characteristics.
17. Man-made hazards, their characteristics.
18. Life safety, give a definition, what are the main tasks.
19. Environmental protection, give a definition, what are the main tasks.
20. Healthy lifestyle. Basic concept.
21. Life safety as the basis of a healthy lifestyle.
22. Environmental factors affecting health.
23. Tobacco smoking and human health.
24. The effect of alcohol on the human body.
25. Addiction to drugs. General concept.
26. Mobilization, definition, purpose.
27. Mobilization training, definition, purpose.
28. Basic formation of health care for medical support of military operations.
29. Observational points: definition, history, tasks, base of creation, order of work.
30. Operational beds: definition, history of the name, the base of creation, tasks.
31. Rear hospital: definition, purpose, classification.
32. Definition and list of first aid measures.
33. List of conditions for first aid.
34. General rules for first aid.
35. General principles of first aid.
36. Basic cardiopulmonary resuscitation.
37. The contents of first aid measures in case of thermal lesions.
38. The content of first aid measures for lesions of toxic substances.
39. Means of first aid for injuries.
40. First aid treatment for bleeding.
41. First aid equipment for bone fractures.
42. Tasks and organizational structure of the Unified state system of prevention and liquidation of emergency situations.
43. General description of emergency situations.
44. Damaging factors of emergency sources.
45. The order of functioning of the Unified state system of prevention and liquidation of emergency situations.
46. Formation and establishment of the service of disaster medicine, the order of their functioning.
47. Basics of organization of medical and evacuation support of the population in emergency situations.
48. Types and scope of medical care.
49. Medical evacuation stage, basic concepts, deployment concept.
50. Medical triage of the affected in emergency situations.

51. First aid, basic measures and procedures.
52. Pre-hospital (medical assistant) medical care, basic measures and procedure of rendering.
53. The first specialized medical care, the main activities.
54. Medical evacuation of affected persons in emergency situations.
55. Features of medical support in the aftermath of emergency situations of transport and road transport.
56. Features of medical support in the aftermath of explosions and fires.
57. Organization of medical support for the population in the aftermath of earthquakes.
58. Goals and objectives of sanitary and antiepidemic provision of the population in emergency situations.
59. Characteristics of factors contributing to the development of epidemics in the emergency zone.
60. Organization of anti-epidemic measures in the epidemic hotbed of emergency.
61. Regime-restrictive measures carried out in the epidemic focus, their brief description.
62. Preparation and organization of work of medical institutions in emergency situations.
63. Evacuation of medical institutions to a safe area.
64. Characteristics and classification of medical property.
65. Organization of medical supply in case of emergency response.
66. Psychotraumatic factors of emergency situations.
67. Features of development of neuropsychiatric disorders in the population in emergency situations.
68. Medical and psychological protection of the population in emergency situations.
69. Features of development of neuropsychiatric disorders in rescuers in emergency situations.
70. Medical and psychological protection of rescuers in emergency situations.

### *Typical case tasks*

1. Terrorist attack in the metro of Moscow. 5 people were killed and 8 injured.

One of them, a 45-year-old male, has a right foot tear, ongoing external bleeding as a result of mine-explosive trauma.

The wound was received by the woman on the 7th month of pregnancy. In the minds. On the front right half of the chest there is a wound size of 6 by 8 cm, visible ribs, wound bleeding. Complaints of severe pain in the wound and lower abdomen. The first medical helicopter equipped with a medical helicopter module for the evacuation of one seriously injured arrived.

Task:

- A) Make a preliminary diagnosis;
- B) Make a sorting decision.