

First Aid Examination Questions
1 year of study, 1 semester, specialty “General Medicine”
2024/2025 academic year

1. Types of medical care. The concept of first aid.
2. Basics of asepsis and antiseptics. Personal safety rules when providing first aid to the casualties.
3. Sources of infection, ways and factors of transmission. Infections control in first aid.
4. Rules and procedure for survey of the casualty.
5. The main criteria for assessing impaired consciousness, breathing, blood circulation.
6. Pulse characteristics, technique of assessment on the radial and carotid arteries.
7. Types and frequency of breathing, respiration rate measurement.
8. Terminal states. Signs of clinical and biological death.
9. Cardiopulmonary resuscitation. Indications and contraindications for resuscitation.
10. Errors and complications during cardiopulmonary resuscitation. Indications for termination of cardiopulmonary resuscitation.
11. Strangulated, compressive asphyxia, the main signs. First aid.
12. Obturated, aspirated asphyxia, the main signs. First aid for foreign body aspiration.
13. Drowning. First aid for drowning.
14. Wounds, general characteristics, types of wounds. First aid.
15. Bleeding, types. The main signs of acute blood loss.
16. Methods of stopping bleeding. Ways to temporarily stop external bleeding.
17. Internal bleeding, main symptoms, first aid.
18. Nose and ear bleeding. First aid for nose, ear bleeding.
19. Dislocations of the upper and lower extremities, signs, first aid.
20. Bone fractures, absolute and relative signs, first aid.
21. Transportation of the casualty with various disorders and injuries.
22. Transport immobilization in fractures of various body parts. Transportation of the casualty with fractures.
23. Head injuries, general characteristics, types. Signs of traumatic brain injury.
24. First aid for head injuries. Transportation of casualties.
25. First aid for eye, nose, ear injuries.
26. Chest injuries, general characteristics, types. The main signs of chest injury.
27. The concept of pneumothorax, hemothorax. First aid for chest injuries. Transportation of casualties.
28. Abdominal injuries, general characteristics, types. The main signs of abdominal injuries.

29. Closed abdominal injuries, signs, first aid.
30. Open abdominal injury. First aid, features of applying bandages for an open abdominal injury, foreign body injuries. Transportation of the casualties with abdominal injuries.
31. Long-term compression syndrome (crush syndrome), concept, main signs, first aid, features of transport immobilization.
32. Traumatic shock, causes, signs, first aid. Measures to prevent the development of traumatic shock.
33. Anaphylactic shock, causes, signs, first aid.
34. Burns, general characteristics, types. Rules for calculating the surface area of a burn.
35. First aid for thermal burns, upper respiratory tract burns.
36. Chemical burns, characteristics. First aid for chemical burns.
37. Cold injury, general characteristics, main signs, severity.
38. First aid for cold injury, the concept of a thermal insulation bandage.
39. Electrical injury: local and general manifestations, first aid, safety measures.
40. Lightning strike, general and local signs, first aid.
41. Heat and sunstroke, general and local signs, first aid.
42. Acute poisoning, types, signs.
43. First aid for poisoning through the respiratory tract, digestive tract, skin.
44. Venomous snake bites, first aid.
45. Venomous insect bites, tick bites, first aid.
46. Rabies. First aid when bitten by an animal suspected of having rabies.
47. Fainting, causes, main signs, first aid.
48. Seizures, types, first aid.
49. Suffocation attack and other acute respiratory disorders, the main signs, first aid.
50. Acute heart attack, main signs, first aid.

List of practical skills demonstrated on the examination:

1. Demonstration of the hygienic hand antisepsis. Putting on and taking off non-sterile disposable gloves.
2. Demonstration of the stages of survey of the casualty.
3. Pulse assessment on the radial and carotid arteries, respiration rate measurement.
4. Blood pressure measurement.
5. Demonstrate the technique of chest compressions (CPR) for an adult.
6. Demonstrate the technique of chest compressions (CPR) for a baby (under one year old).
7. First aid for an adult with obstruction of the upper respiratory tract (Heimlich technique).
8. Removing a foreign body in a child under one year old.

9. Applying a "Chepec" bandage with a bruised wound of the parietal part of the head.
10. Applying a "Uzdechka" bandage for lower jaw dislocation.
11. Applying a "Glove" bandage with multiple abrasions of the fingers of the left hand.
12. Applying a bandage "Knight's Glove" with multiple abrasions of the fingers of the left hand.
13. Applying a bandage "Mitten" with multiple abrasions of the fingers and palmar surface of the right hand.
14. Applying a Dezo bandage for a fracture of the right clavicle.
15. Applying a Dezo bandage for a fracture of the left clavicle.
16. Applying a spike-shaped bandage with a bruised wound of the left shoulder joint.
17. Applying a spike-shaped bandage with a bruised wound of the right shoulder joint.
18. Applying a binocular bandage for eye burns.
19. Applying an occlusive dressing if the chest is injured.
20. Applying a hemostatic tourniquet for bleeding from the upper third of the right forearm.
21. Applying a twisted tourniquet for bleeding from the upper third of the left forearm.
22. Applying a pressure bandage for bleeding from a wound on the back of the right hand.
23. Applying a transport splint or splint made of an available hard material in case of a fracture of the lower third of the right forearm.
24. Applying a transport splint or splint made of an available hard material in case of a fracture of the metacarpal bones of the right hand.
25. Applying a transport splint or a splint made of an available hard material in case of a closed fracture of the metatarsal bones of the right foot.

Approved
On Simulation and Attestation Center meeting
November 26, 2024, protocol No. 4.

Head of the Simulation and
Attestation Center



O.A. Teslova