

MINISTRY OF PUBLIC HEALTH OF UKRAINE

**Department of human resources policy, education and science of MPH of
Ukraine
Testing Board**

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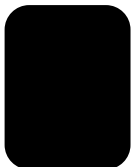
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Test items for licensing examination

Krok B

NURSING



General Instruction

Each of these numbered questions or unfinished statements in this chapter corresponds to answers or statements endings. Choose the answer (finished statements) that fits best and fill in the circle with the corresponding Latin letter on the answer sheet.

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The book includes test items for use at licensing integrated examination "Krok B. Nursing" and further use in teaching.

The book has been developed for students and academic staff of higher medical educational establishments, for teaching of nursing.

Approved by Ministry of Public Health of Ukraine as examination and teaching publication based on expert conclusions.

1. A male patient with a severe craniocerebral trauma has been unconscious for a long time. What feeding method should be used in this case?

- A. Through nasogastric tube
- B. Parenteral
- C. By means of nutrient enemas
- D. Gastrostomy
- E. Enteralization

2. A patient diagnosed with anaerobic gas gangrene of hip has been delivered to the hospital. Which antiseptic must be used for instrument treatment after bandaging?

- A. 6% hydrogen peroxide solution
- B. 0,0002% furacilin solution
- C. 5% iodine solution
- D. 0,02% decamethoxin solution
- E. 0,1% potassium permanganate solution

3. A 31-year-old male patient consulted a doctor about body temperature rise up to 38°C , pain and swelling in the lumbar region. Objectively: there is a painful infiltrate sized 5x6 cm in the right lumbar region, the skin above it is crimson, there are multiple purulo-necrotic fistulas in the centre. What is the most likely diagnosis?

- A. Carbuncle
- B. Abscess
- C. Erysipelas
- D. Paraneuritis
- E. Furuncle

4. Ten days after an intramuscular injection a patient developed a painful inflammatory formation in the upper external quadrant of the right buttock. Over the last three days she has presented with body temperature rise up to 38°C at night. What is the most likely diagnosis?

- A. Post-injection abscess
- B. Haematoma of buttock
- C. Erysipelatous inflammation
- D. Purulent abscess
- E. Phlegmon

5. Medical histories are kept in the cells of registry. There is such information as districts, streets, house and flat numbers. Each district has a colour code that can be found on the cells and medical history covers. What organizational system of medical histories storage is used in this registry?

- A. Address
- B. Index
- C. Alphabetical
- D. Numbered
- E. Self-storage (private)

6. A municipal hospital renders ambulatory services in the following way: each internist along with a nurse serves adult population of assigned territory with a certain number of dwellers. What principle of ambulatory care organisation is used in this municipal hospital?

- A. Territorial district
- B. Shopfloor system
- C. Familial district
- D. Combined
- E. Advisory

7. One of the structural hospital subdivisions consists of the following departments: special medical ward departments, auxiliary diagnostic department, surgery unit, department of morbid anatomy and pharmacy. Structure of this subdivision will correspond with the structure of a typical in-patient municipal hospital if the following department is present:

- A. Admission ward
- B. Emergency department
- C. Therapeutics department
- D. Preventive department
- E. Home care

8. A medical institution has the following structural units: administrative-economic, therapeutic, manipulation, functional and diagnostic, social-legal and reception rooms for pregnant women, puerperants, healthy women and women with gynaecological disorders. Medicoprophylactic institution with such structure relates to the following nomenclature type:

- A. Antenatal clinic
- B. United maternity hospital
- C. Polyclinic
- D. Dermatovenerologic dispensary
- E. Feldsher-obstetric station

9. An airport traffic controller who had worked with high power radiolocators for 16 years was referred to the in-patient hospital. Choose a clinical syndrome which is most typical for chronic electromagnetic radiation affection:

- A. Asthenovegetative syndrome
- B. Hyperthermic syndrome
- C. Convulsive disorder
- D. Depressive syndrome
- E. Syndrome of "acute abdomen"

10. During a fight a 42-year-old man got a chest injury produced with a sharp object. Objectively: the wound is in IX projection of intercostal space along the left scapular line. The wound is open allowing blood to drain and air to escape with a loud sound

during breathing. What first aid should be rendered?

- A. To apply occlusive dressing
- B. To apply aseptic dressing
- C. To inject analgetic agents
- D. To refer to doctor immediately
- E. To inject hemostatics

11. A 66-year-old male patient complains about discomfort, anus itch and periodical bleeding after defecation. He has had these presentations for about 3 years. Bleeding has become more frequent over the last 6 months. Examination reveals bluish nodes sized about 1cm in the anal region in 7 and 11 o'clock-position. What is the most likely cause of such condition?

- A. Hemorrhoid
- B. Rectal fissure
- C. Rectal cancer
- D. Periproctitis
- E. Rectal prolapse

12. A newborn child has heart rate of 92/min, his breathing rate is irregular, muscular tone is low, extremities are cyanotic, irritation with a catheter causes a grimace. Estimate the child's condition according to Apgar score:

- A. 5-6 points
- B. 7-8 points
- C. 9-10 points
- D. 3-4 points
- E. 1-2 points

13. A 9-year-old child complains about weakness, headache, sternal pain and dry cough. Objectively: the skin is pale, body temperature is 38,6°C. The auscultation of lungs reveals rough respiration, dry and heterogeneous bubbling crackles which quantity diminishes after cough. Percussion reveals clear pulmonary sound above the lungs. X-ray examination reveals symmetric intensification of pulmonary vasculature and pulmonary roots expansion. What is the most likely disease?

- A. Acute bronchitis
- B. Bronchial asthma
- C. Acute pneumonia
- D. Acute bronchitis
- E. Acute laryngotracheitis

14. After medical examination of a 4-month-old baby a nurse revealed 26% deficit of body weight. Specify this chronic hypotrophy:

- A. Hypotrophy of II degree
- B. Hypotrophy of I degree
- C. Hypotrophy of III degree
- D. Paratrophia of II degree
- E. Paratrophia of III degree

15. A 9-year-old girl had angina. Two weeks after recovery she developed erythema annulare and polyarthritides symptoms. Objectively: skin is pale, dyspnea, tachycardia and cardiac border dilatation are present. Specify the disease:

- A. Acute rheumatic fever
- B. Pneumonia
- C. Vasoneurosis
- D. Anaemia
- E. Systemic lupus erythematosus

16. An infant is 3 months old, he is breast-fed. Medical examination reveals hyperhidrosis especially in the occiput region, symptom of "occiput alopecia", acrimony, anxiety, softness of prefontanel borders and moderate craniotabes. What disease is it?

- A. Rachitis
- B. Pneumonia
- C. Hydrocephalus
- D. Acute respiratory disease
- E. Dysostosis

17. A 7-year-old child underwent Mantoux test. 72 hours later an infiltration 18 mm in diameter was revealed. What does it mean?

- A. Hyperergic reaction
- B. Negative reaction
- C. Dubious reaction
- D. Positive reaction
- E. -

18. Demographic situation in a town can be characterized by a factor that is calculated according to the following formula: $\frac{\text{number born alive} \cdot 1000}{\text{quantity of women aged 15-49 years}}$. What factor is it?

- A. General fecundity rate
- B. Natality
- C. Age-specific birth rate
- D. Age-specific fecundity
- E. Index of unit weight of children that were born alive of women aged 15-49 years

19. A financial document drawn up at a medical institution has three main sections such as: production planning indices, staffs and contingents, expense items and accompanying calculations. What financial document is it?

- A. Estimate of an institution
- B. Budget of an institution
- C. Financial statement
- D. Financial inquiry
- E. Investment plan

20. A patient has been suffering from rheumatic heart disease for 15 years. He complains about experiencing inspiratory dyspnea at minimal physical activity for a month. The cardiophony shows that the first heart sound is apparently quiet at the apex, there is rough holosystolic murmur. The auscultation of lungs reveals vesicular respiration, diminished breath sounds in the lower parts on both sides, crackles in the zone of diminished breath sounds. This patient has:

- A. Chronic left ventricular failure
- B. Acute left ventricular failure
- C. Acute right ventricular failure
- D. Chronic right ventricular failure
- E. Acute circulatory collapse

21. During the routine bacteriological inspection in a pediatric polyclinic the municipal disinfectant station revealed pathogenic microflora in manipulation and vaccination room. The head nurse of the pediatric polyclinic made a whole range of administrative decisions that focused on organisation of urgent antiepidemic measures in this polyclinic. What administrative level were these decisions made on?

- A. Operative
- B. Tactical
- C. Strategic
- D. Perspective
- E. Coordinating

22. A professional marketer analyzes the market of medical diagnostics services. He has estimated possible market size, determined the rate of consumer demand and possible demand for a certain diagnostic service by using statistic data from the periodical press. What type of marketing researches takes place in this case?

- A. Armchair research
- B. Panel investigations
- C. Field investigations
- D. Observation
- E. Survey

23. Clinical urine analysis gave following results: relative density - 1,018, protein - 0,033 g/l, 10-20 unchanged erythrocytes in the field of vision, 3-5 leucocytes in the field of vision, here and there epithelium of urinary bladder, high concentration of oxalates. Such results are typical for the

following pathological state:

- A. Urolithiasis
- B. Pyelitis
- C. Acute pyelonephritis
- D. Acute glomerulonephritis
- E. Urethritis

24. While studying the correlation between air pollution and prevalence of respiratory diseases the correlation coefficient of +0,4 was determined. Estimate the statistic interconnection between the analyzed factors:

- A. Medium, direct
- B. Strong, direct
- C. Weak, direct
- D. Strong, reverse
- E. Medium, reverse

25. An authorized person must give notice of revealed defective drugs within:

- A. 10 working days
- B. 7 working days
- C. 10 calendar days
- D. 5 working days
- E. 7 calendar days

26. An emergency team arrived to a 42-year-old male patient. He complained about general weakness, headache, sickness, vomiting and body temperature rise up to $38,9^{\circ}\text{C}$. Such condition developed an hour ago after processing trees with chlorindan chemicals. Objectively: there is reddening of eye and pharynx mucous membranes, cough and tremor of hands. The first aid should include the treatment of skin and mucous membranes with:

- A. 2% sodium bicarbonate solution
- B. Running water
- C. Soap water
- D. 5% ammonia solution
- E. Strzyzewski antidote

27. A 26-year-old male patient had been operated for acute appendicitis. On the fifth day after the operation a nurse revealed the following: suture line was straight, borders were well matched, the healing process was quick, there were no infection symptoms. Specify the way of wound healing?

- A. Primary intention
- B. Under scab
- C. Secondary early intention
- D. Secondary late intention
- E. -

28. A young child attending day nursery was hospitalised to contagious isolation ward with complaints of fever, general

weakness, frequent vomiting and defecation. What should the kindergarten nurse do to comply with sanitary and antiepidemic conditions?

- A. Place the kindergarten in quarantine for 7 days, terminal disinfection
- B. Place the kindergarten in quarantine for 21 days, current disinfection
- C. Place the kindergarten in quarantine for 2 weeks, physical disinfection
- D. Place the kindergarten in quarantine for 5 days, chemical disinfection
- E. Place the kindergarten in quarantine for 10 days, terminal disinfection

29. A 6-year-old child was vaccinated with "Priorix". After that he developed petechial skin rash. There were no other pathological symptoms. Blood analysis: Hb- 130g/l, leukocytes - $6,0 \cdot 10^9/l$, thrombocytes - $120,0 \cdot 10^9/l$. What disease corresponds with such child's condition?

- A. Immune thrombocytopenic purpura
- B. Anemia
- C. Purpura rheumatica
- D. Acute leukaemia
- E. Systemic lupus erythematosus

30. A 24-year-old male patient consulted a doctor about stomachache, sickness, vomiting and body temperature rise up to $38^{\circ}C$. Last food intake was 6 hours ago. Objectively: the skin is pale, covered with cold sweat. There is pain in the epigastrium region. Ps- 95/min. The tongue is coated. What manipulation should be carried out by the nurse on doctor's orders first of all?

- A. Gastric lavage
- B. Antibiotic injection
- C. Fractional gastric intubation
- D. Vitamin injection
- E. Enzymatic drug injection

31. A 49-year-old male patient spends the postoperative period at the surgical department. Choose the factor that will facilitate the development of deep venous thrombosis:

- A. Limitation of movements after operation
- B. Operation under noninhalation narcosis
- C. Operation under local anaesthesia
- D. Use of anticoagulating agents
- E. Application of crepe bandages

32. A 50-year-old male patient with abdominal injury was delivered to the hospital. He complained about abdominal pain, sickness and vomiting. After physical examination he was found to have positive Blumberg's sign. What disease was it?

- A. Acute abdomen
- B. Acute pancreatitis
- C. Acute appendicitis
- D. Perforated ulcer
- E. Acute cholecystitis

33. A patient with facial and oropharyngeal trauma was delivered to the traumatology department. These traumas may cause such potential problems as aspiration of vomit masses and aspiration pneumonia. The main method of solving these problems is:

- A. Suction of contents from the respiratory tracts
- B. Drainage position in bed
- C. Wet oxygen inhalations
- D. Respiratory gymnastics
- E. Drainages

34. Which of the following research methods involves determining common features as well as properties of objects relating to a certain class and going from particular to general, from less general to more general:

- A. Generalization
- B. Experiment
- C. Idealization
- D. Modeling
- E. Typologization

35. A 40-year-old male patient has gastric ulcer. He complains about progressing weakness and dizziness. When the patient got up in the morning he turned pale and lost consciousness for a few seconds. There are no peritonitis symptoms. What complication of gastric ulcer might be suspected?

- A. Bleeding ulcer
- B. Pyloric stenosis
- C. Penetration of ulcer
- D. Perforation of ulcer
- E. Malignization of ulcer

36. A 44-year-old victim undergoes an operation for intraperitoneal haemorrhage being the result of a road accident. What trauma allows to use patient's abdominal blood for autohemotransfusion?

- A. Splenic rupture
- B. Liver rupture
- C. Thin bowel rupture
- D. Bladder rupture
- E. Stomach rupture

37. A woman fell down in the street two hours ago, she is unable of moving by herself. She complains about pain in her left shin. Examination revealed edema of the lower third and deformity in the middle third of shin. There is pain and crepiti-

on at the deformity site. What can a nurse suspect?

- A. Shin bone fracture
- B. Shin contusion
- C. Sprain of ligaments
- D. Joint dislocation
- E. Myorrhexis

38. People having irreversible morphological and functional damages can be assigned to disability group for the following term:

- A. With no fixed term
- B. 1 year
- C. 2 years
- D. 3 years
- E. 4 years

39. What document should be completed if drugs are to be confiscated for analysis by the State Inspection of Quality Control of Medical Drugs?

- A. Statement in duplicate
- B. Sola statement
- C. Protocol
- D. Consignment note
- E. Receipt

40. Who makes the final decision on introduction of a new drug into medical practice?

- A. Minister of Public Health of Ukraine
- B. Pharmaceutical committee of Public Health Ministry of Ukraine
- C. Ukrainian State Inspection of Quality Control of Medical Drugs
- D. Research institute
- E. Ministry of Public Health of Ukraine

41. What methods of studying morbidity rates are used for characterizing diseases causing temporary disability?

- A. Use of information on seeking medical aid
- B. Use of information on medical inspections
- C. Use of information on causes of death
- D. Use of information from medical histories
- E. Use of information brought by special sampling studies

42. A 30-year-old woman consulted a family nurse about acute headache. Examination revealed that AP was 160/90 mm Hg. What should the nurse do for initial care?

- A. Apply mustard plasters to the occipital region of head
- B. Put ice pack to the occipital region of head
- C. Put hot-water bag on legs
- D. Apply mustard plasters to the chest
- E. Raise lower extremities

43. A 35-year-old man who had mistakenly drunk 150 ml of methyl alcohol was delivered to the admission ward. What antidote should be used in this case?

- A. Ethanol
- B. Unithiol
- C. Absorbed carbon
- D. Sodium bicarbonate solution
- E. Atropine sulphate

44. At the first stage of nursing examination a nurse revealed mucous membrane bleeding, metrorrhagia and "leopard spots". Bleeding time was increased. What is the most likely diagnosis?

- A. Thrombocytopenic purpura
- B. Purpura rheumatica
- C. Lymphogranulomatosis
- D. Haemophilia
- E. Acute leukaemia

45. According to the nursing intervention plan a nurse asked the mother of a 6-month-old child to visit children's hospital for compulsory virus B hepatitis vaccination. Choose the dose and method of vaccination in accordance with nursing intervention plan:

- A. 0,5 ml i/m to exterior hip surface
- B. 0,5 ml s/c to shoulder
- C. 0,1 ml i/d to forearm
- D. 0,1 ml s/c to shoulder
- E. 1,0 ml i/m to buttock

46. A man has lung disease caused by continuous ingress of productive dust into the lungs. He complains about cough, stabbing chest pain and dyspnea. What is the most likely diagnosis?

- A. Pneumoconiosis
- B. Berylliosis
- C. Decompression sickness
- D. Pneumatic hammer disease
- E. Radiation sickness

47. There is a psychological relief room at the factory department. During working day the workers can listen to classical music, plunge into the world of forestry sounds and inhale the aroma of healing oils. What zone of relations can be influenced?

- A. Psychologic climate
- B. Civil status of worker
- C. Moral environment
- D. Official status of worker
- E. Private status of worker

48. The head nurse of a surgery department made a report on the "Role of nursing in patients' treatment (on the department example)" at a regional nursing conference. Their administrator observed, that the employees' attitude to their work became more responsible. What management school regulations will correspond with such situation?

- A. School of humane relationships movement
- B. School of scientific approach to management
- C. Behavioural science school of management
- D. Classical school of management
- E. School of system administration

49. Swiss company "Zepter" is famous all over the world. The company introduced new type of medical equipment such as lamp "Bioptron". What pricing strategy is the most effective in such case?

- A. Prestigious prices
- B. Flexible prices
- C. Stable prices
- D. Flat price
- E. Zone prices

50. A 66-year-old male patient has pulmonary tuberculosis. What drug should be used for secondary prophylaxis?

- A. Isoniazid
- B. Bicillin-5
- C. Levamisole
- D. Amoxicillin
- E. Remantadin

51. A patient is registered in a dispensary for gastric ulcer. He complains about constant abdominal pain that is getting worse at night, foul-smelling eructation, morning vomiting. Objectively: the patient is 178 cm high and weighs 52 kg, his skin is dry, his tongue is coated with greyish deposit. Heart sounds are muffled, epigastrium is painful, there is visible peristalsis. What complication is it?

- A. Pyloric stenosis
- B. Hemorrhage
- C. Penetration
- D. Perforation
- E. Malignization

52. A 6-month-old boy was diagnosed wi-

th dehydration of I degree against the background of intestinal toxicosis. What daily amount of liquid is it necessary to drink in such condition per 1 kg of child's body weight?

- A. 50-100 millilitres
- B. 70-90 millilitres
- C. 100-130 millilitres
- D. 160-170 millilitres
- E. 170-200 millilitres

53. A 43-year-old male patient is a foundry worker with 16 years of service record. He complains about exertional dyspnea, dry cough and sensation of chest tingling during cough. Instrumental examination revealed: restrictive type of external respiration disturbance of I degree. X-ray examination of lungs revealed: diffuse, round-shaped, small and well-defined opacities of average intensity located in the upper lung segments. The occupational pathologist suspected silicosis. What dust can cause this disease?

- A. Silicon dioxide in free state
- B. Carbon
- C. Silicon dioxide in bound state
- D. Graphite
- E. Manganese

54. A 20-year-old patient has been hospitalised in grave condition. He complains about chest pain, stomatorrhagia, body temperature rise up to 38°C, shiver and general weakness. Objectively: skin is pale, cervical and axillary lymph nodes are enlarged, painless. Blood analysis: Hb- 59 g/l, RBCs - $2,2 \cdot 10^{12}/l$, colour index - 0,8, reticulocytes - 0,1%, WBCs - $80 \cdot 10^9/l$, blastocytes - 40%, stab neutrophils - 2%, segmented neutrophils - 28%, lymphocytes - 10%, monocytes - 18%, trombocytes - $76 \cdot 10^9/l$, ESR - 38 mm/h. What is the most likely diagnosis?

- A. Acute leukaemia
- B. Chronic leukaemia
- C. Aplastic anemia
- D. Hypochromic anemia
- E. Hemorrhagic diathesis

55. A female patient has developed hyperemic rash, skin itch, dizziness and dyspnea after penicillin test. What should you do immediately on doctor's orders?

- A. Inject benadryl intramuscularly
- B. Hospitalise the patient
- C. Put hot-water bag on extremities
- D. Call an ambulance
- E. To repeat the test

56. A female patient has gastric ulcer. She

has developed coffee-grounds vomiting. What emergency care should be rendered?

- A. Ice pack on stomach
- B. Gastric lavage
- C. Injection of analgin
- D. Hot-water bag on stomach
- E. Warm drink

57. A 42-year-old female patient complains about foul taste in the mouth, poor appetite, nausea, stomachache, eructation, vomiting at times, frequent pangs in the epigastric region. There are constipations taking turns with diarrheas. Objectively: there is a lilac-grey stipe on the gums, the skin is sallow and pale. What substance is the cause of intoxication?

- A. Lead
- B. Benzol
- C. Amino compound of benzol
- D. Mercury vapor
- E. Tetraethyl lead

58. A patient developed intensive burning retrosternal pain 6 hours ago. Body temperature is $37,2^{\circ}\text{C}$. Heart action is rhythmic. Heart rate - 68/m, AP- 110/75 mm Hg. The abdomen is soft and painless on palpation. What instrumental examination should the patient be prepared?

- A. Electrocardiography
- B. Echocardiography
- C. Coronary arteriography
- D. Veloergometry
- E. Daily monitoring

59. A nurse working with a family doctor supervises the treatment of a patient with bronchial asthma. What drugs should he take?

- A. Salbutamol, berotec
- B. Ketotifen, lasolvan
- C. Strophanthin, mucaltinum
- D. Corglycon
- E. Atropine

60. You work as a nurse at a private clinic and one of your functional duties is marketing promotion of medical services. It involves realization of the following functions:

- A. Satisfaction of consumer needs
- B. Improving of patient's life quality
- C. Price setting for goods or services
- D. Sale of goods or medical services
- E. Reduction of costs

61. Collecting material for an essay involves psychological and pedagogical research. To increase the objectivity and reliability of the

results it is recommended to apply:

- A. Crossover study
- B. Natural experiment
- C. State experiment
- D. Observation
- E. Formative experiment

62. After doing researches you should analyse and generalize the collected information. First of all, it is necessary to:

- A. Group data
- B. Evaluate information critically
- C. Compare the information
- D. Determine dependence between data
- E. Draw conclusions

63. A 42-year-old patient has been delivered to a hospital in grave condition with body temperature $39,8^{\circ}\text{C}$. He complains about chest pain on the right that is getting worse while coughing. The patient presents with headache and cough with "rusty" sputum. Which disease are these symptoms most typical for?

- A. Pneumonia
- B. Bronchitis
- C. Bronchial asthma
- D. Pneumonectasia
- E. Multiple bronchiectasis

64. A 62-year-old man has developed burning retrosternal pain irradiating to the left hand after a psychologic overexertion. The pain cannot be relieved by nitroglycerine. What is the most likely provisional diagnosis?

- A. Myocardial infarction
- B. Rest angina
- C. Pulmonary edema
- D. Cardiogenic shock
- E. Hypertensive crisis

65. A 45-year-old drillman complains about aching hand pain disturbing him at night, creeping sensation, hands chill, headache and sleep disorder. In addition, notes blanching of fingers after washing hands with cold water. What disease might be suspected?

- A. Pneumatic hammer disease
- B. Silicosis
- C. Anthracosis
- D. Siderosis
- E. Silicosis

66. The process of primary dentition finishes at the age of two years. How many deciduous teeth should children have?

- A. 20
- B. 24
- C. 14
- D. 10
- E. 6

67. A child with diabetes mellitus needs to be given an injection of 16 units of insulin. (1ml - 40 units). Specify the insulin dose in millilitres:

- A. 0,4 ml
- B. 0,2 ml
- C. 0,8 ml
- D. 1,0 ml
- E. 0,1 ml

68. A full-term infant with *A(II) Rh(+)* blood group was born of mother with *0(I) Rh(-)* blood group. Jaundice appeared on the first day of life. Bilirubin level is 150 micromole/l. What is the most likely diagnosis?

- A. Hemolytic disease of newborn
- B. Physiologic jaundice
- C. Birth trauma
- D. Impetigo neonatorum
- E. Vesiculopustulosis

69. A child is 6 years old. There are complaints about body temperature rise to 39°C , headache, inertness, myalgia and, joint pain and backache. The symptoms has been present for two days. His nose is bunged, he has a tickling in his throat and hyperaemic larynx. What disease is it?

- A. Influenza
- B. Adenovirus infection
- C. Pneumonia
- D. Tracheobronchitis
- E. Laryngitis

70. A patient has suffered a stroke. Which drug should be included in complex therapy for normalization of neurometabolic processes in brain?

- A. Pyracetam
- B. No-shpa
- C. Seduxen
- D. Caffeine
- E. Droperidol

71. A 10-year-old child complains about frequent stranguria, body temperature rise and symptoms of intoxication. Common urine examination shows leukocyturia and bacteriuria. What disease is it?

- A. Pyelonephritis
- B. Renal insufficiency
- C. Glomerulonephritis
- D. Pneumonia
- E. Urolithiasis

72. A 35-year-old patient consults a surgeon about the right shin injury. The surgeon found out that the patient hadn't been vaccinated against tetanus over the last 3 years. What drug should be used for urgent tetanus prevention in this case?

- A. Tetanus anatoxin
- B. Antitetanus serum
- C. Antitetanus horse immunoglobulin
- D. Tetanus anatoxin and antitetanus serum
- E. Diphtheria and tetanus toxoids and pertussis vaccine

73. A 33-year-old male patient fell and hit his head but stayed conscious. He complained about headache. The patient fainted two hours later. Medical examination revealed: he was unconscious, anisocoria was present. What is the most likely diagnosis?

- A. Cerebral compression
- B. Brain concussion
- C. Traumatic shock
- D. Syncope
- E. Collapse

74. A 65-year-old female patient undergoes treatment for right cervical hip fracture at the traumatology department. After the operation the skeletal extension was applied. What can be the cause of osteomyelitis development?

- A. Unsterile instruments
- B. Non-union of a broken bone
- C. Absolute bed rest
- D. Bedsore development
- E. Bone osteoporosis

75. A 28-year-old male patient consulted a surgeon about acute pain, reddening with scalloped margins, cutaneous edema in the lower third of his right shin and body temperature rise up to 39°C . What disease might be suspected?

- A. Erysipelas
- B. Varix dilatation
- C. Thrombophlebitis
- D. Lymphadenitis
- E. Obliterating endarteritis

76. A 29-year-old male patient with traumatic kidney affection has been at the urology department for 1 day. What symptom will be the most informative in this case?

- A. Hematuria
- B. Paradoxal ischuria
- C. Polyuria
- D. Pollakiuria
- E. Stranguria

77. A female patient with chronic nephritis undergoes treatment at the nephrological department. She complains about sickness, food aversion, headache and skin itch. What examination will allow to confirm nephrotia?

- A. Test for urea and creatinine level in blood
- B. Clinical urine examination
- C. Nechiporenko urine examination
- D. Bacteriological urine examination
- E. Complete blood count

78. A patient with gastric ulcer complains about general weakness, fatiguability, body weight loss, aversion to meat food and constant pain in the epigastrium. What complication is it?

- A. Malignization
- B. Perforation
- C. Haemorrhage
- D. Pylorostenosis
- E. Penetration

79. A 36-year-old male patient suffering from insulin-dependent diabetes mellitus was delivered to a hospital in grave condition. Objectively: he is unconsciousness, has muscular jerks, skin is pale and wet, there is no acetone odour. What drug injection should be given to the patient first of all?

- A. 40% glucose solution
- B. 5% glucose solution
- C. Glucagon
- D. Insulin
- E. Noradrenaline

80. A patient with complaints of heartbeats, limb tremor, tearfulness, body weight loss and sleep disturbance has been admitted to the endocrinological department. Objectively: Ps- 120/min, heart sounds are rhythmic, AP- 150/90 mm Hg. The isthmus of thyroid gland is enlarged on palpation. What drug should be applied for treatment?

- A. Mercazolil
- B. Thyroidin
- C. Thyreocomb
- D. Hydrochlorothiazide
- E. Furosemide

81. The victim was found clinically dead. There were attempts to revive him by cardiopulmonary resuscitation. Which of the listed actions indicate efficiency of external

cardiac massage?

- A. Pulsation in carotid artery
- B. Spontaneous chest movements
- C. Body temperature rise
- D. Epigastrium movements
- E. Rib fracture

82. Intubation of trachea involved injecting a muscle relaxant of short-time action called dithylinum. What drug can eliminate its residual action?

- A. Proserin
- B. Naloxone
- C. Mesatone
- D. Adrenaline
- E. Atropine

83. A drowned man was pulled out to the shore after 6 minutes. Resuscitation actions involved closed-chest massage and ALV. What symptoms indicate the efficiency of resuscitation actions?

- A. Corestenoma
- B. Arterial pressure rise
- C. Pulse acceleration
- D. Mydriasis
- E. Faster breathing

84. A 2-year-old boy has been ill for 3 days. He is gravel-voiced, "barking cough" is present. The child developed dyspnea at night. The skin is cyanotic, auxiliary muscular system takes part in breathing. What urgent state corresponds with such symptoms?

- A. Stenosing laryngotracheitis
- B. Asthmatic attack
- C. Diphtheritic croup
- D. Pneumonia
- E. Foreign body in the upper respiratory tracts

85. A body temperature drop in an 8-year old child caused weakness, paleness, cold clammy sweat and thready pulse. What condition corresponds with such clinical signs?

- A. Collapse
- B. Syncope
- C. Acute left ventricular failure
- D. Acute right ventricular failure
- E. Cold coma

86. On the 5th day after birth a newborn child presents with purulent discharges from umbilical wound, hyperaemia of umbilical ring. He was diagnosed with purulent omphalitis. What is the necessary nursing intervention?

- A. Inoculation of umbilical wound discharges
- B. Chest roentgenography
- C. Encephalogram
- D. Echography of heart
- E. Electrocardiogram

87. A 3-year-old child during vaccination lost consciousness, the skin turned pale and got covered with cold sweat. What complication might be suspected by a nurse first of all?

- A. Anaphylactic shock
- B. Eclampsy
- C. Fright
- D. Episyndrome
- E. Syncope

88. A 5-year-old child was delivered to the hospital with nosebleed. The child has also skin haemorrhages in form of irregular petechia and ecchymosis. What changes in complete blood count will confirm the provisional diagnosis?

- A. Thrombocytopenia
- B. Anaemia
- C. Leukopenia
- D. Presence of blast cells
- E. Neutrophilia

89. A man with symptoms of acute catarrhal intoxication with arsenic compounds was delivered to the hospital. Choose the antidotes that should be used for his treatment:

- A. Sodium thiosulfate, tetacine calcium
- B. Glucose, ascorbic acid, vitamins of B group
- C. Proserin, tropazine
- D. Atropine sulphate, unithiol
- E. Cordiamin, sodium caffeine benzoate

90. A nurse receives sterile bandaging materials for her department from a drug-store. While checking the marking of sterile medical gauze she reveals non-compliance of the marking with the State Standard 1172-93. What non-compliance might have been revealed?

- A. Absence of sterilization date
- B. Red Cross emblem
- C. Description and size of bandage
- D. Manufacture date
- E. Inscription "sterile"

91. A head nurse of the surgical department fills in the register of accidents that happened during rendering medical aid to HIV-positive people and working with HIV-positive materials. Which form is it?

- A. Form № 108-0
- B. Form № 107-0
- C. Form № 109-0
- D. Form № 110-0
- E. Form № 112-0

92. How often should a head nurse of the therapeutics department exercise quality control of pre-sterilization treatment?

- A. Weekly
- B. Once a month
- C. Twice a month
- D. Quarterly
- E. Once per six months

93. A 12-year-old boy suddenly felt anxiety, weakness and tachycardia during PE lesson. The skin was pale and very wet. Some time later he developed convulsions and lost consciousness. He has been ill with diabetes mellitus for 5 years. Estimate the patient's condition:

- A. Hypoglycemic coma
- B. Diabetic ketoacidic coma
- C. Diabetic ketoacidosis
- D. Epileptic seizure
- E. Uremic coma

94. 2 years after having B hepatitis a 12-year-old child has been diagnosed with chronic hepatitis. What laboratory test will be the most objective indicator of compromised liver function?

- A. Bilirubin level in blood serum
- B. Clinical blood analysis
- C. Clinical urine analysis
- D. Bile pigment urine analysis
- E. Glucose concentration in blood serum

95. Birth registration takes place according to the place of residence of parents. What is the main document that should be filed to the registry office for the registration of a child?

- A. Medical birth certificate
- B. Hospital childbirth registry
- C. Birth certificate issued by a doctor
- D. Card of newborn development
- E. Birth certificate issued by the maternity hospital

96. Risk factors having influence on health status are divided into endogenous and exogenous ones, which in turn are divided into controllable and uncontrollable ones. Select endogenous uncontrollable factors:

- A. Age, sex, heredity
- B. Arterial hypertension, dyslipidosis, dysmenorrhea
- C. State of environment, life-style, medical faults
- D. Climate, natural conditions
- E. -

97. It is important to choose main hierarchy levels for effective management of health care system. What management levels are present in the system of Ukrainian public health?

- A. Basic, regional, state
- B. Regional, provincial, district
- C. Municipal, provincial, rural
- D. Basic, state
- E. Provincial, regional

98. The mismatch between supply and demand caused by a number of factors objectively results in deviation of price from the initial cost. Such situation corresponds with the following law:

- A. Law of supply and demand
- B. Law of time saving
- C. Law of value
- D. Law of competition
- E. Law of effectiveness

99. The participants of market economy compete for better conditions of production, purchase and sale. What economic law corresponds with such situation?

- A. Law of competition
- B. Law of time saving
- C. Law of value
- D. Law of supply and demand
- E. Law of effectiveness

100. Which figure of bar code is the control one and is used for checking the correctness of reading of strokes by the scanner?

- A. Last
- B. First and second
- C. Third
- D. Fourth
- E. Fifth

101. Drugs are stored according to the normative-technical documentation requirements. Choose the document which requirements we should follow in storage of drugs or finished dosage forms in Ukraine:

- A. Order of the Ministry of Public Health №44 as of 16.03.93
- B. Enactment of the Cabinet of Ministers of Ukraine № 400 as of 20.03.2006
- C. Order of the Ministry of Public Health №360 as of 19.07.2005
- D. Order of the Ministry of Public Health №117 as of 30.06.94
- E. Technical conditions

102. After discharge from the maternity hospital a baby presented with blisters that burst uncovering the erosive surface. His condition is getting worse and worse. Body temperature is 39°C. What disease might be suspected?

- A. Impetigo neonatorum
- B. Pseudofurunculosis
- C. Umbilical sepsis
- D. Vesiculopustulosis
- E. Toxic erythema of a newborn

103. When deciding where to seek medical aid a patient will choose the institution where he or she can be rehabilitated faster and with best results. At the same time he must know that paid medical services can be offered by the following medical institutions:

- A. Of all patterns of ownership
- B. Private
- C. Public
- D. Special medical institutions
- E. Preventive clinics

104. One of the components of financial management is estimation of health care profitability. It indicates the quantity of medical services rendered per year which cover the expenses for maintaining an institution and taking medical prevention actions. Profitability of an institution depends on the following indicators of its activity:

- A. Fixed expenses and price, running costs of one service
- B. Budget of an institution
- C. Average price of service
- D. Fixed expenses of an institution
- E. Quality of services

105. The head nurse of the central regional hospital knows how to convince her employees in reasonability of certain actions. As a supervisor she uses non-traditional methods of influence and department staff management. She has a good reputation and is held in respect by her fellow employees. What type of leadership is it?

- A. Charismatic leadership
- B. Reformative leadership
- C. Leadership as demonstration of inherent abilities
- D. Leadership as a result of acquired character traits
- E. Leadership as a result of situational impact

106. The head of the neurology department of municipal hospital №2 has authority with the co-workers and is highly respected by the management. He considers different people's opinion and takes into account their wishes and advices. In this way he achieves his goals. Such type of leader's activity is called:

- A. Compromise
- B. Business
- C. Demonstration
- D. Diplomatic
- E. Authoritarian

107. The head doctor of the municipal hospital №5 commissioned the head nurse to check if the division of labour between the employees meets the following requirements: tasks accomplished by the employees should be compliant with their qualification and work experience. Specify the type of labour division:

- A. Competent
- B. Functional
- C. By age
- D. Technological
- E. By sex

108. The workers of the traumatology department have a conflict with the workers of surgical department about untimely cleaning of hospital territory. What type of conflict is it?

- A. Intergroup conflict
- B. Nongroup conflict
- C. Intragroup conflict
- D. Intrapersonal conflict
- E. Interpersonal conflict

109. A head nurse of the gynecology department filed the document to the head nurse of the municipal hospital about violation of duty regulations by a nurse on duty. What document is it?

- A. Internal document
- B. Order
- C. Explanatory note
- D. Instruction
- E. Testimonial

110. A scientific research begins with choosing scientific direction, problem, topic

and scientific questions. The direction of a scientific research is determined by:

- A. Branch of science
- B. Availability of a scientific hypothesis
- C. Availability of conclusions and suggestions on the subject
- D. Science classifier
- E. Market requirements

111. A 6-year-old child has pain and borborygmus, sickness, vomiting and itch in the perianal folds region. Medical examination reveals pinworm eggs. Choose the drug for the child's treatment:

- A. Vormil
- B. Ascorutine
- C. Naphthamonnum
- D. Cephazoline
- E. Festal

112. A 3-year-old child has skin cyanosis, "watch-glass"nails and "drumstick" nail bones. Auscultation reveals that II sound of pulmonary artery is weak, there is rough systolic murmur. The child has hypoxemic attacks such as tachypnoe, cyanosis aggravation and excitement. The child is physically underdeveloped. Choose the disease that is characterised by the described symptoms:

- A. Congenital heart disease
- B. Rheumatic fever
- C. Acute myocarditis
- D. Bronchial asthma
- E. Rheumatic pericarditis

113. A 17-year-old patient complains about pain in the right knee joint. He claims to have been suffering from it since childhood. The nasal hemorrhages are frequent. There are three children in the family: two boys and one girl. His brother has similar disease. Objectively: the knee joint is swollen, palpation and movements cause pain. What is the most likely disease?

- A. Haemophilia
- B. Werlhof's disease
- C. Schonlein-Henoch disease
- D. Acute leukaemia
- E. Chronic leukaemia

114. Nursing examination of a 70-year-old male patient with chronic atonic colitis revealed such problems as nausea, abdominal swelling and costiveness for over 3 days. What foodstuffs should the nurse recommend for costiveness prevention?

- A. Beet, carrot, prunes
- B. Tinned food, white bread, cabbage
- C. Milk, brown bread, pork
- D. Vegetables, fresh milk, hard cheese
- E. Vegetables, fruit juices, cakes

115. A nurse of therapeutics department was summoned to a 59-year-old patient. Objectively: the patient was excited, he was sitting on the bed and gasping for air. The skin was cyanotic, tachypnoe was present. Bubbling breathing could be heard at a distance. There was cough with pink foamy sputum and moist rales over the lungs. These symptoms are indicative of the following urgent condition:

- A. Pulmonary edema
- B. Asthmatic attack
- C. Myocardial infarction
- D. Hypertensive crisis
- E. Attack of stenocardia

116. A 45-year-old male patient complains about pain in the left lumbar region irradiating to his hip; frequent urination and urinary vomiting. Pasternatsky's symptom is positive on the left. What drug should be injected as the first medical aid?

- A. Baralgin
- B. Lasix
- C. Nitroxoline
- D. Cystenal
- E. Avisanum

117. A nurse working at the statistics department estimates the primary morbidity rate for the first quarter of the current year. Choose the medical documents that allow the nurse to study this factor:

- A. Statistic card (f.№025-2/o)
- B. Journal of a polyclinic's physician (f.№039/o)
- C. Statistic card of discharged patient (f.№066/o)
- D. Register of house calls by a physician (f.№031/o)
- E. Register of ambulatory patients (f.№074/o)

118. Specify the type of demand that remains actually unchanged in case of price variation:

- A. Nonelastic
- B. Elastic
- C. Partly elastic
- D. Stable
- E. Relatively elastic

119. A 49-year-old female patient complains about intermittent pain in the right lumbar region, body temperature rise up

to 37 – 38°C and frequent urination. She has been diagnosed with exacerbation of chronic pyelonephritis. Which changes in urine will confirm this diagnosis?

- A. Leukocyturia, bacteriuria
- B. Leukocyturia, hematuria
- C. Leukocyturia, glucosuria
- D. Glucosuria, cylindruria
- E. Hematuria, proteinuria

120. A woman complains about abrupt temperature rise, myalgia, cough, sharp intermittent stomachache, metallic taste in the mouth and nasal bleedings. It is known from the past history that she had processed tomatoes with bordeaux chemicals for 2 days. Objectively: AP- 80/50 mm Hg, Ps- 60/min, there is skin rash on the upper and lower extremities. Which pesticides might have caused the described disease?

- A. Metal-containing compounds
- B. Organochlorine compounds
- C. Organophosphorous compounds
- D. Arsenic compounds
- E. Carbonates

121. A 57-year-old man stays at the surgical department after venotomy (phlebotomy). In order to implement the nursing care plan a nurse should teach the patient to:

- A. Apply crepe bandage
- B. Do therapeutic physical massage
- C. Change body position in bed
- D. Keep to a diet
- E. Take body temperature

122. A head nurse is responsible for correct organisation of drug storage, therefore she arranges certain drugs separately in the following way:

- A. By pharmacological groups according to the way of drug introduction
- B. By pathologies whose pharmacotherapy involves such drugs
- C. By supplier companies
- D. Alphabetically
- E. Randomly, in her own way that is comfortable for her

123. Two days after laparotomy performed under endotracheal anaesthesia a 31-year-old male patient was told to turn from side to side, do respiratory gymnastics and alkaline inhalations on doctor's orders. What complication can be prevented by doing such things?

- A. Bronchitis
- B. Enteroparesis
- C. Thrombosis
- D. Embolism
- E. Surgical drain obstruction

124. A 45-year-old man consulted a doctor about pain in the right iliac area. After load lifting the patient felt acute pain in the region of protrusion which he failed to fix to the abdominal cavity. Objectively: there is a painful tense protrusion in the iliac region. What diagnosis might be suspected?

- A. Strangulated hernia
- B. Reducible hernia
- C. Incarcerated hernia
- D. Nonincarcerated hernia
- E. Noncomplicated hernia

125. A 7-year-old boy was hospitalised to te children's hospital. He complains about knee joint edema that appeared during playing football. It is known from the past history that his elder brother and his grandfather by mother's side are disposed to bleeding sickness. What laboratory examination will allow to clarify the diagnosis?

- A. Bleeding-time test
- B. Complete blood count
- C. Biochemical blood analysis
- D. Common urine analysis
- E. Serologic examination of dynamic of bundle branch reentry

126. A medical institution enters the medical services market with a new offer. What action should be prior to the service positioning on the market?

- A. Choosing a market segment
- B. Analysis of assortments
- C. Evaluation of experts' competence
- D. Evaluation of medical service competitiveness
- E. Building the ordered series

127. Specify, which method of conflict solving we should choose when one side is very interested in achieving good results and the other side is uninterested in it:

- A. Conciliation
- B. Avoidance
- C. Pressure
- D. Collaboration
- E. Compromise

128. A patient is 70 years old. Objectively: his condition is grave, skin is pale, Ps- 120/min, AP- 85/55 mm Hg. His tongue is dry and furred. He has insignificant abdominal swelling, Vale's symptom is posi-

tive on palpation, splashing sound is also present. A plan X-ray film shows several horizontal intestinal fluid levels. What is the most likely diagnosis?

- A. Bowel obstruction
- B. Acute cholecystitis
- C. Acute pancreatitis
- D. Renal colic
- E. Acute appendicitis

129. A 72-year-old male patient complains about stranguria. He claims that urine trickles or drips and there are frequent urinations at night. What is the most likely diagnosis?

- A. Adenoma of prostate gland
- B. Acute prostatitis
- C. Acute urethritis
- D. Cystic tuberculosis
- E. Urolithiasis

130. A 7-year-old male patient undergoes treatment at the nephrological department. He complains about general weakness, t° - $38^{\circ}C$, backache and sickness. Urine analysis: leukocytes 30-40 in visual field and bacteriuria. What additional examinations should be included into the nursing examination plan?

- A. Nechiporenko's analysis
- B. Test of Reberg
- C. Sulcovich's test
- D. Mantoux test
- E. Schick's test

131. A 28-year-old man presents in the first-aid post. He had worked in the cold weather for 4 hours on the previous day. Objectively: there are blisters on hands containing transparent liquid, skin sensitivity is decreased in the affected region. Choose the type and the degree of affection:

- A. Frostbite of II degree
- B. Frostbite of III A degree
- C. Burn of II degree
- D. Burn of III degree
- E. Frostbite of III B degree

132. What types of decisions are made at the early stage of planning when it involves constant consultations with authorities and experts?

- A. Technical, political
- B. Constructional, radical
- C. Technological, authoritarian
- D. Technical, nonpolitical
- E. Technical, authoritarian

133. According to the receiving acts, a batch

of domestic goods couldn't be accepted to the warehouse because of quantity divergence. A claim must be filed within:

- A. Three days
- B. Seven days
- C. Five days
- D. Ten days
- E. Twenty days

134. Each patent medicine has approved attributes such as: labels stuck or printed on the packing, inserts, wrappers and instructions concerning the usage of medicines. Their graphic design must correspond with:

- A. Specifications of sectoral scientific-technical documentation and decorative original
- B. Contents of instruction and inserts
- C. Batch number and composition
- D. Number of registration certificate and batch number
- E. Contents of instruction and composition

135. A patient complains about pain in hand and feet joints, morning stiffness and deformity of these joints. What disease can be suspected?

- A. Rheumatoid arthritis
- B. Osteoarthritis
- C. Rheumathritis
- D. Podagra
- E. Systemic lupus erythematosus

136. Examination of a patient with lung carcinoma revealed cough with bloody sputum, weakness, dysorexia, weight loss and chest pain. What is the most urgent problem in this case?

- A. Hemoptysis
- B. Weakness
- C. Chest pain
- D. Dysorexia
- E. Weight loss

137. After eating forest berries a patient developed choking cough, husky voice and inspiratory dyspnea. The patient is anxious, pale. Paraglossia and face edema are also presented. What drug should be injected according to doctor's orders?

- A. Prednisolone
- B. Analgin
- C. Ketanov
- D. Baralgine
- E. No-shpa

138. It is required to study the cardiovascular morbidity rate in different administrative districts of a city. Urban populati-

on of each district has different age structure. What statistic method should be used in order to exclude the impact of this factor on the indicators of morbidity rate?

- A. Standardization
- B. Calculation of relative numbers
- C. Calculation of average numbers
- D. Regression-correlation analysis
- E. Analysis of dynamical range

139. An insurance company launches the program "Voluntary insurance of reproductive health", which provides for covering the cost of prophylactic medical examination of married couples with sterility risk. It is necessary to develop the pricing policy. What is the most appropriate method of setting price for such medical services?

- A. $Prime\ cost + Profit + Taxes$
- B. $Prime\ cost + Profit - Taxes$
- C. $\frac{Prime\ cost + Profit}{Taxes}$
- D. $\frac{Profit}{Prime\ cost} \cdot 100\%$
- E. $\frac{Prime\ cost}{Profit} \cdot 100\%$

140. A 42-year-old female patient is depressed. She is sad and thoughtful, she communicates with nurse unwillingly and refuses to eat. She lies on the bed with her face turned to the wall. The nurse should suspect the following danger to the patient's life:

- A. Suicidal thoughts and actions
- B. Bedsore development
- C. Body weight loss
- D. Avitaminosis development
- E. Hypostatic pneumonia development

141. A patient has presented with low-grade fever, hyperhidrosis and decline in work performance for two months. The patient associates body weight loss with diarrhea. Medical examination revealed enlarged axillary lymph nodes and liver, multiple aphthae of oral mucosa. The patient is intravenous drug abuser. What disease might be suspected?

- A. Human immunodeficiency virus
- B. Tuberculosis
- C. Viral hepatitis type B
- D. Viral hepatitis type C
- E. Chronic colitis

142. A scrub nurse is busy with preparations for the operative intervention, namely tracheostomy. What are the special instruments required for this operation?

- A. Tracheal dilator of Trousseau
- B. Farabif's hook
- C. Surgical forceps
- D. Three-prong hook
- E. Bellied scalpel

143. An ambulance nurse renders first aid to a victim with an open craniocerebral trauma received in a traffic accident. She notes bone fragments in the brain tissue. What is her first-priority action?

- A. To apply a sterile bandage
- B. To give intramuscular injection of morphine
- C. To remove bone fragments from the wound
- D. To apply a capeline bandage
- E. To perform initial surgical d-bridement

144. A patient inadvertently seized a bared wire under 380 V. He is unconsciousness. What will be the first aid?

- A. To release the patient from electric current
- B. To resuscitate
- C. To apply aseptic dressing
- D. To do the toilet of oral cavity
- E. To perform surgical treatment of wound

145. A newborn child has symptoms of intoxication. There is also asymmetrical enlargement and infiltration of one mammary gland. The skin over the gland is hot, there are purulent discharges from the duct. What is the most likely diagnosis?

- A. Suppurative mastitis of a newborn
- B. Abscess
- C. Physiological swelling of mammary glands
- D. Phlegmon
- E. Toxic erythema of a newborn

146. A 5-year-old child has intoxication symptoms and cough. The percussion reveals dullness of percussion sound under the right scapula. The auscultation reveals quiet breath sounds and crepitations. What disease are these symptoms most typical for?

- A. Bronchopneumonia
- B. Bronchial asthma
- C. Tracheitis
- D. Acute stenosing laryngitis
- E. Bronchitis

147. An 8-year-old child has rash on the trunk, face and scalp in form of papulae, maculae and vesicles with turbid contents. Such condition is typical for the following disease:

- A. Chickenpox
- B. Measles
- C. Rubella
- D. Epidemic parotiditis
- E. Allergic dermatitis

148. A patient with II degree silicosis presented in the occupational disease department. The nurse who followed up the patient last year noticed that he lost weight, his body temperature could rise to $37,3^{\circ}C$ at night, there was profuse sweating. What complication is most likely?

- A. Tuberculosis
- B. Bronchitis
- C. Pulmonary emphysema
- D. Pulmonary insufficiency
- E. Stenocardia

149. After drawing up statements the inspection board allows to unpack, accept and record the goods as received. Quality and package contents of goods delivered from outside the city limits should be accepted within the following period of time:

- A. Not later than within 20 days
- B. Not later than within 10 days
- C. Not later than within 5 days
- D. Not later than within 15 days
- E. Not later than within 7 days

150. General practitioners of each district have to fill in initial registration documentation including reporting forms which are intended for recording information on population health level. Which form should be filled in after revealing cases of infectious diseases?

- A. F-025/o
- B. F-028-1/o
- C. F-058/o
- D. F-031/o
- E. F-063/o

INSTRUCTIONAL BOOK

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List of abbreviations

A/G	Albumin/globulin ratio	HR	Heart rate
A-ANON	Alcoholics anonymous	IDDM	Insulin dependent diabetes mellitus
ACT	Abdominal computed tomography	IFA	Immunofluorescence assay
ADP	Adenosine diphosphate	IHD	Ischemic heart disease
ALT	Alanin aminotransferase	IU	International unit
AMP	Adenosine monophosphate	LDH	Lactate dehydrogenase
AP	Action potential	MSEC	Medical and sanitary expert committee
ARF	Acute renal failure	NAD	Nicotine amide adenine dinucleotide
AST	Aspartat aminotransferase	NADPH	Nicotine amide adenine dinucleotide phosphate restored
ATP	Adenosine triphosphate	NIDDM	Non-Insulin dependent diabetes mellitus
BP	Blood pressure	PAC	Polyunsaturated aromatic carbohydrates
bpm	Beats per minute	PAS	Periodic acid & Schiff reaction
C.I.	Color Index	pCO ₂	CO ₂ partial pressure
CBC	Complete blood count	pO ₂	CO ₂ partial pressure
CHF	Chronic heart failure	pm	Per minute
CT	Computer tomography	Ps	Pulse rate
DIC	Disseminated intravascular coagulation	r	roentgen
DCC	Doctoral controlling committee	RBC	Red blood count
DM-2	Non-Insulin dependent diabetes mellitus	RDHA	Reverse direct hemagglutination assay
DTP	Anti diphtheria-tetanus vaccine	Rh	Rhesus
ECG	Electrocardiogram	(R)CFT	Reiter's complement fixation test
ESR	Erythrocyte sedimentation rate	RIHA	Reverse indirect hemagglutination assay
FC	Function class	RNA	Ribonucleic acid
FAD	Flavin adenine dinucleotide	RR	Respiratory rate
FADH ₂	Flavin adenine dinucleotide restored	S1	Heart sound 1
FEGDS	Fibro-esophago-gastro-duodenoscopy	S2	Heart sound 2
FMNH ₂	Flavin mononucleotide restored	TU	Tuberculin unit
GIT	Gastrointestinal tract	U	Unit
GMP	Guanosine monophosphate	USI	Ultrasound investigation
Hb	Hemoglobin	V/f	Vision field
HbA1c	Glycosylated hemoglobin	WBC	White blood count
Hct	Hematocrit	X-ray	Roentgenogram
HIV	Human immunodeficiency virus		