Tests for self-assessment on the General Surgery for 2nd year students of stomatological and 3rd year students of medical faculty

1. Most Probable manifestation of shock is:
   A) Pallor of skin
   B) Tachycardia
   C) Tachypnoe
   D) Hypotonia
   E) Anemia

Choose the correct answer

2. Superficial regional anaesthesia is performed with the use of:
   A) Dicaine
   B) Analgine
   C) Hexenal
   D) Dithiline
   E) Proserine

Choose the correct answer

3. Preparations used for premedication:
   1) narcotic analgesics
   2) antihistamine drug
   3) cholinolytic drug (e.g., Atropine)
   4) muscle relaxants
   5) psychostimulator

Choose the correct combination A) 1,2; B) 1,2,3; C) 1,2,4; D) 4,5; E) 1,4,5

4. Possible complications after endotracheal general anesthesia
   1) reccurarisation
   2) vomiting
   3) larynx spasm
   4) mechanic asphyxia (tongue protrusion)

Choose the correct combination A) 1,2; B) 3,4; C) 2,3,4; D) 1,2,3; E) 1,2,3,4

5. Sequence of actions under cardio-pulmonary resuscitation
   A) airways opening, artificial breathing, cardiac massage
   B) cardiac massage, artificial breathing, airways opening
   C) artificial breathing, airways opening, cardiac massage
   D) artificial breathing, cardiac massage, airways opening

Choose the correct answer

6. What body fluids can contain human immunodeficiency virus?
   A) blood, cerebrospinal fluid
   B) lymph, breast milk
   C) sperm, vaginal secretions
   D) amniotic fluid
   E) all mentioned

Choose the correct answer
7. Surgical hand preparing includes:
   1) washing of hand with soap brush
   2) drying of the hands by towel
   3) applying of carbolic acid
   4) applying of 96 % alcohol
   5) applying of 70 % alcohol
   Choose the correct combination A) 1,2,3; B) 2,3,4; C) 1,3,4; D) 1,2,5; E) 2,3,5

8. Antiseptics of phenol’s group is:
   A) 70 % alcohol solution
   B) KMnO₄
   C) furacillin
   D) chloramines
   E) carbolic acid
   Choose the correct answer

9. What method of antisepsis most important in the treatment of phlegmone of hip:
   A) antibiotics
   B) injection of antitoxins
   C) operation – drainage of phlegmone
   D) ultraviolet irradiation
   E) administration of sulphanilamides
   Choose the correct answer

10. In dry heat oven is used following mode of sterilization:
    A) 30 min with 200 °C
    B) 60 min with 180 °C
    C) 60 min with 220 °C
    D) 120 min with 180 °C
    E) 120 min with 220 °C
    Choose the correct answer

11. Choose the Latin equivalent of term "blood in the cavity of joint":
    A) haemartrosis
    B) haematuria
    C) haemothorax
    D) melena
    E) haemoperitoneum
    Choose the correct answer

12. Which of the following organs can be the source of possible parenchymal bleeding
    A) face
    B) oesophagus
    C) gallbladder
    D) liver
    E) ileum
    Choose the correct answer
13. Twelve-year boy is admitted in surgery for operative treatment of purulent process of the foot. Except this, boy is haemophilic. What should perform the surgeon?
   A) do non operate
   B) administer antihaemophilic serum and operate the patient
   C) administer vicasol and operate
   D) operate without delay
   E) administer calcium chloride and operate
Choose the correct answer

14. Choose the physical methods of control of bleeding:
   1) applying of cold
   2) wound packing
   3) haemostatic sponge
   4) electric coagulation
   5) suture of bleeding vessel
Choose the correct combination A) 1,2; B) 2,3; C) 3,4,5; D) 1,4; E) 3,4

15. The amount of red blood cells (RBC) and the level of haemoglobin (Hb) after bleeding
   A) normal
   B) slightly elevated
   C) erythrocytosis
   D) decreased
   E) RBC – increased, Hb – decreased
Choose the correct answer

16. The deep burn in first hour is possible to suspect on the base of following symptoms?
   1) pain sensitivity is present
   2) pain sensitivity is absent
   3) swelling of distal part of limbs
   4) absent swelling
   5) decreased return of heat on thermography
Choose the correct combination A) 1,2,5; B) 1,3,5; C) 2,3; D) 2,4,5; E) 2,5

17. Select the method of treatment for patient on 5th day after contact burn of small area (less 1%), caused by overheated metal.
   A) open method of treatment
   B) necrectomy
   C) treatment in abacterial environment
   D) closed method of treatment
   E) plastic operation
Choose the correct answer

18. The burn occupies approximately two palms. How many percent of body area is injured?
   A) 5 %
   B) 1 %
   C) 2 %
   D) 10 %
   E) 7 %
Choose the correct answer
19. What material necessary to use when processing the surfaces, burned by $\text{H}_2\text{SO}_4$?  
   A) chloramines  
   B) soda  
   C) copper sulphate  
   D) solution Lugole’s  
   E) citric acid  
   Choose the correct answer

20. First aid treatment of thermal burns includes all the following, EXCEPT:  
   A) stopping the action of thermal agent  
   B) removing of skin necrosis  
   C) pain relieve and shock prevention  
   D) applying of sterile bandage  
   E) transporting in hospital  
   Choose the correct answer

21. During the determination of blood group the reaction of hemaglutination was absent with the sera 0 (I), A (II), and B (III). What blood group of patient?  
   A) A (II)  
   B) B (III)  
   C) AB (IV)  
   D) 0 (I)  
   E) false test

22. Choose the indications for blood transfusion:  
   1) toxic anaemia  
   2) acute haemorrhage with haemorrhagic shock  
   3) malnutrition  
   4) intoxication  
   5) avitaminosis  
   Choose the correct combination A) 1,2,3,4,5; B) 1,2; C) 2; D) 3,4; E) 4,5

23. The clinical manifestations of post-blood-transfusion shock:  
   1) abdominal pain  
   2) tachycardia  
   3) bradycardia  
   4) decrease in blood pressure  
   5) pain in the back  
   Choose the correct combination A) 1,2,3; B) 2,4; C) 3,4,5; D) 2,4,5; E) 1,3,4,5

24. Where is wrong marked blood group?  
   A) 0 (I),  
   B) A (II),  
   C) B (III)  
   D) A\beta (IV)  
   E) AB (IV)  
   Choose the correct answer
25. During biological test a blood is transfused with the speed
   A) 10 drops per min
   B) 20 drops per min
   C) 30 drops per min
   D) continuously
Choose the correct answer

26. What operations are used for treatment of paronychia
   1) oval incision by Klapp
   2) perforation of nail plate
   3) semioval incisions
   4) resection of nail plate
   5) removing of nail plate
Choose the correct combination A) 1,4,5; B) 2,3,4; C) 2,4,5; D) 3,4; E) 1,3,5

27. Treatment of acute mastitis in of stage of serous infiltration consists of:
   1) operation
   2) prevention of lactostasis
   3) support of mammary gland wit the bandage
   4) system antibacterial treatment
   5) retro mammary injection of antibiotics and proteolytic enzymes
Choose the correct combination A) 1; B) 1,2,3; C) 3,4,5; D) 2,3,4,5; E) 1,2,3,4,5

28. Clinical manifestations of paronychia consist of
   1) swelling of nail bed
   2) separation of the nail plate
   3) pus exudation from beneath the nail plate
   4) purulent fistula
   5) extension contracture of finger
Choose the correct combination A) 1,2; B) 1,3; C) 3,4,5; D) 2,4; E) 1,3,5

29. Treatment of furuncle anticipate:
   1) disinfection of surrounding skin by 70% alcohol
   2) cryodestruction
   3) injections in surrounding tissues of antibiotics with novocaine
   4) administration of sulphanilamides
   5) ultraviolet light treatment
Choose the correct combination A) 1,3; B) 1,2,3,5; C) 1,2,3,4; D) 1,2,5; E) 1,2,3,4,5

30. Choose the local clinical manifestations purulent tendovaginitis
   1) severe pulsating pain
   2) fingers’ swelling
   3) finger in position of extension
   4) finger in position of flexion
   5) finger is painful along the tendon of flexors
Choose the correct combination A) 1,3,4,5; B) 1,2; C) 1,2,4,5; D) 3,5; E) 1,2,3,4,5
31. What disease is characterized limited inflammation, infiltration, crimson colour of skin in axillary’s region and painful movement of upper limb?
   A) furuncle
   B) carbuncle
   C) mastitis
   D) hydradenitis
   E) erysipelas
Choose the correct answer

32. Treatment of clostridial anaerobic gangrene anticipates
   1) excision of all devitalized tissues
   2) wide release of affected tissues with open drainage
   3) release of fascial compartments
   4) only amputation
   5) hyperbaric oxygenation
Choose the correct combination A) 1,3,5; B) 1,2; C) 2,3,5; D) 4; E) 1,2,3,5

33. There are four forms of erysipelas depending of clinical manifestation
   1) erytematous
   2) bullous
   3) phlegmonous
   4) chronic
   5) necrotic
Choose the correct combination A) 1,2,3,4; B) 2,3,4,5; C) 1,2,3,5; D) 1,3,4,5; E) 1,2,3,4,5

34. Which of micro-organisms promotes the gas formation?
   A) Clostridium perfringens
   B) Clostridium septicum
   C) Clostridium aedematiens
   D) anaerobic cocci
   E) Clostridium histolyticum
Choose the correct answer

35. Limited collection of pus in tissues has the name:
   A) abscess
   B) phlegmone
   C) miositis
   D) paronychia
   E) hydradenitis
Choose the correct answer

36. How is identified the operation, which liquidates only the symptoms of oncologic diseases
   A) palliative
   B) radical
   C) reconstructive
   D) symptomatic
   E) “operation of choise”
Choose the correct answer
37. How is the name of benign tumour developing from muscular tissue?
   A) leiomyoma
   B) glioma
   C) lipoma
   D) teratoma
   E) fibroma
   Choose the correct answer

38. Operation, during which is removed only part of organ (e.g., mammary gland), is identified as:
   A) extirpation
   B) resection
   C) enucleation
   D) amputation
   E) -stomia
   Choose the correct answer

39. Female sexual hormones reduce the growing of malignancy of next organs:
   A) prostate gland
   B) skin
   C) gallbladder
   D) thyroid gland
   E) bone
   Choose the correct answer

40. Radical operations is possible to perform only in following stage of oncological process:
   1) I-st stage
   2) II-nd stage
   3) III-rd stage
   4) IV-th stage
   Choose the correct combination A) 1; B) 1,2; C) 1,4 D) 2,3,4; E) 1,2,3,4

41. The full and quick regeneration is typical for:
   A) high differentiated tissue
   B) all the tissues
   C) tissues of central nervous system
   D) bone tissue
   Choose the correct answer

42. Following wounds heal by secondary intention:
   1) after primary suture
   2) purulent
   3) not sutured
   4) before secondary suture
   Choose the correct combination A) 1,2; B) 2,3; C) 2,3,4; D) 1,4; E) 1,3,5
43. On the 3\textsuperscript{rd} day after primary suture of forearm wound developed hyperaemia and swelling of the skin, purulent exudation. What is necessary to do?
   A) immobilize the limb  
   B) prescribe the antibiotics  
   C) administer the physical rehabilitation  
   D) remove the sutures and drain the wound  
   E) apply the compress  
Choose the correct answer

44. The contraindication for primary surgical debridement of the wound of forearm is:
   A) contamination of wound  
   B) crush of the wound edges  
   C) open fracture of radial bone  
   D) shock of 3\textsuperscript{rd} degree  
   E) damage of tendons  
Choose the correct answer

45. What wound will heal quicker?
   A) with islands of necrosis  
   B) with purulent exudation  
   C) with big red granulations  
   D) with crimson small granulations and purulent exudation  
   E) with hypertrophic granulations  
Choose the correct answer

46. The elderly woman fell on her left side. She felt the pain in hip joint. After that she did not be able to get up. Clinical sigh: left lower limb is shortened, left hip joint is painful. It is defined the symptom of "adhering heel". What will be your diagnosis?
   A) hip dislocation  
   B) vertebral column fracture  
   C) fracture of the neck of femoral bone  
   D) fracture of fibula  
   E) soft tissue trauma of back  
Choose the correct answer

47. The rupture of hollow organ due to abdominal trauma is accompanied by:
   1) development of peritonitis  
   2) haematuria  
   3) free gas collection in pelvis  
   4) free gas collection below the diaphragm  
Choose the correct combination A) 1,2; B) 1,3; C) 1,4; D) 1,2,4

48. What action necessary to do first of all for victim with open fracture and profuse arterial bleeding?
   A) immobilize the limb  
   B) inject vasopressors  
   C) apply the tourniquet on the limb  
   D) relieve the pain  
   E) apply the sterile sponge  
Choose the correct answer
49. For immobilization of traumatized shoulder you will use all, EXCEPT:
   A) Dezou’s bandage
   B) Kramer’s splint
   C) Velpo’s bandage
   D) improvized triangular kerchief bandage
   E) constrictive bandage
Choose the correct answer

50. The treatment of crush-syndrome anticipate
   1) debridement
   2) fasciotomy
   3) amputation
   4) constrictive bandage
   5) haemodialysis
Choose the correct combination A) 1,3; B) 1,2,3,5; C) 1,2,3,4 D) 1,2,5; E) 1,2,3,4,5