

BASE OF DISCIPLINE TESTS

"PHARMACEUTICAL AND MEDICAL COMMODITY"

1. *What kind of commodity analysis consists in an expert assessment of the characteristics of the product, which is based on information in the shipping and other documents:*
 - a) complex;
 - b) quantitative.
 - d) documentary;
 - c) qualitative;
2. *Subjective factors affecting product quality include:*
 - a) interest in work results;
 - c) technologies and methods of control;
 - b) characteristics of the product;
 - d) technical level of the production enterprise
3. *Name the type of primary packaging of the drug, which consists of an elastic container filled with liquid, connected to a sterile injection needle, hermetically closed with a cap with a mandrel.*
 - a) carpule;
 - b) nebula;
 - c) syringe-tube;
 - d) syringe-pen
4. *One of the important features of modern compression knitwear is:*
 - a) high cost of products
 - b) the material from which the jersey is made;
 - c) device for putting on jersey;
 - d) physiological pressure gradient;
5. *Which procedure for assessing compliance with the requirements of technical regulations is appropriate for quickly placing a non-sterile medical product on the market or for a product that is rarely imported:*
 - a) procedure of party assessment;
 - b) self-declaration procedure;
 - c) the procedure for evaluating the quality management system of the production site;
 - d) the procedure for appointing an authorized representative in Ukraine;
6. *Conditional mark "H" is used to mark medical instruments made of:*
 - a) titanium alloys;
 - b) precious metals;
 - c) non-silver;
 - d) corrosion-resistant steel;
7. *Short-term personal consumption goods include:*
 - a) medicines, bandages, nebulizers.
 - b) hygiene items, tonometers, adhesive plaster;
 - c) heating pads, crutches, bandages;
 - d) medicines, bandages, cotton wool, cosmetics;
8. *Which of the listed bodies carry out conformity assessment of medical devices (with the exception of devices of the I-st class, which are not sterile and without a measuring function, and the "other" group for in-vitro):*
 - a) designated conformity assessment bodies.

b) State Service for Medicinal Products and Drug Control;

c) State expert center;

d) Ministry of Health of Ukraine;

9. *Which of the listed barcodes are two-dimensional:*

a) Data Matrix, QR-Code, EAN-14;

b) EAN-13, EAN-8;

c) Data Matrix, QR code;

d) Aztec Code, UPC, Data Matrix.

10. *What needles are intended for feeding suture material under blood vessels:*

a) general surgical ligature needle;

b) atraumatic needle;

c) ligature fork;

d) Michel brackets.

11. *Which of the closures for parapharmaceutical use has the form of a cap with a retractable spout:*

a) push-pull cover;

b) disc-top;

c) flip-top cover;

d) trigger.

12. Which of the following types of scissors are used to remove bandages:

a) blunt-end curved scissors;

b) blunt straight scissors;

c) scissors with one blunt end.

d) scissors with a button;

13. *It is recommended to use:*

a) anti-colic nipples;

b) latex nipples;

c) silicone nipples;

d) nipples with multiflow.

14. *The presence of only one CE symbol on the labeling of medical products:*

a) does not give the right to place it on the market of Ukraine without conducting a national procedure;

b) gives the right to place it on the market of Ukraine without conducting a national procedure;

c) gives the right to place it on the market of Ukraine without conducting a national procedure, provided that an Authorized Representative is appointed.

d) indicates that the product has passed the documentation examination procedure and production inspection.

15. *Sheets from the rubber mixture, made according to the template, are placed in metal molds and stamps, which are then loaded into the vulcanization cauldron. What is the rubber molding method in question:*

a) extrusion method

b) dipping method;

c) flow method.

d) form method;

16. *Which of the listed suture materials are natural organic:*

a) silk, horse hair, Michel staples;

b) catgut, silk, horse hair;

c) metal wire, polyglycolic acid homopolymers, silk;

d) catgut of sheep and cattle, silk, polyolefins.

17. *The process of vulcanization is:*

- a) the process of turning rubber into rubber by cooling it with sulfur.
- b) the process of manufacturing rubber mixture;
- c) the process of converting rubber into rubber by heating it with sulfur;
- d) the process of converting rubber into rubber by heating it with lead oxide and paraffin;

18. *The expressiveness of the "sawing effect" of the suture material depends on:*

- a) biodegradation;
- b) coefficient of thread surface friction;
- c) sources of suture material;
- d) biocompatibility.

19. *Which method of classification is characterized by a weak flexibility of the structure, due to a fixed distribution and an established order that does not allow the inclusion of new objects and classification groups:*

- a) facet method;
- b) harmonized method;
- c) group method.
- d) hierarchical method;

20. *The chemical consumer properties of the product include:*

- a) water resistance, alkali resistance, acid resistance;
- b) alkali resistance, strength.
- c) transparency, acid resistance;
- d) adhesive, sorption properties.

21. *Which of the listed standards is identical to the international standard:*

- a) DSTU / EN;
- b) ISO;
- c) DSTU / GOST;
- d) DSTU / ISO.

22. *The certificate of conformity for the medical product is issued by the term:*

- a) 1 year;
- b) 3 years;
- c) 5 years;
- d) 2 years.

23. *The stage of dividing a set into constituent parts according to one of the signs is:*

- a) depth of classification;
- b) degree of classification;
- c) classification method;
- d) classification sign;

24. *In which barcode can the check digit be calculated only from right to left:*

- a) UPC-E;
- b) EAN-13;
- c) EAN-8;
- d) EAN-14.

25. *Medical products that meet the requirements of the Technical Regulations of Ukraine are labeled:*

- a) with the sign of a triangle in a square;
- b) the national mark of conformity of the country of manufacture;
- c) the code of the compliance body;
- d) national mark of conformity.

26. *Which indicator does NOT belong to the main quality criteria of medicinal products:*

- a) identity and quantitative content of ingredients;
- b) durability;
- c) reception frequency;
- d) speed of onset and duration of action.

27. *Name the tool that is designed to hold and pass surgical needles through tissue during suturing:*

- a) needle holder of the Lobster
- b) korntsang;
- c) anatomical tweezers;
- d) Kocher clamp

28. *As a result of improper storage of the ice bladder, signs of aging of the rubber appeared. Specify the method of regeneration of this rubber product:*

- a) immerse the product for 15-20 minutes. in boiling vaseline oil followed by massage.
- b) immerse the product in boiling water with the addition of soda for 15 minutes;
- c) immerse the product for 10 minutes. in 5% ammonia solution;
- d) knead the rubber product with camphor oil;

29. *What shape of the nipple imitates the mother's breast, which allows you to bring the feeding process as close as possible to the natural one:*

- a) X-shaped;
- b) U-shaped.
- c) orthodontic;
- d) round;

30. *"Chain" gloves are used:*

- a) in purulent surgery, during surgical intervention in HIV-infected people.
- b) in the field of orthopedics and traumatology;
- c) in the field of dentistry;
- d) in obstetrics and gynecology;

31. *Compression knitwear is divided into three groups:*

- a) home, hospital, prophylactic;
- b) outpatient, hospital, home;
- c) preventive, curative, hospital;
- d) hygienic, medical, hospital.

32. *Optimal mechanical characteristics of suture material are evaluated according to the following criteria:*

- a) breaking and tensile strength, thread strength at the knot;
- b) atraumaticity, resistance to infections, universality;
- c) inertness, ease of sterilization, lack of capillarity;
- d) lack of wicking, biodegradation, ease of use.

33. *What kind of gloves withstand the effects of aldehydes, alcohols, phenols, acids well, which allows you to use them when working with aggressive environments*

- a) vinyl;
- b) latex;
- c) polyisoprene.
- d) nitrile;

34. *A rubber heating pad of type A is used for:*

- a) for douching;
- b) for local warming of the human body;
- c) for washing the intestines;

d) for washing, douching and local warming of the human body.

35. *What percentage of increase in the length of the sewing thread is considered the most optimal:*

a) 10-20%.

b) up to 10%;

c) > 15%;

d) 5-10%;

36. *Which of the listed tools do not belong to impression tools:*

a) hook according to Volkman;

b) Fedorov renal mirror;

c) fixing clamp.

d) amputation retractor;

37. *What percentage of product labeling can be occupied by the text:*

a) 50-100%;

b) 40-50%.

c) 0-60%;

d) 0-30%

38. *What amount of information can be encoded by linear barcodes:*

a) up to 40-60 characters.

b) up to 10 characters;

c) up to 50 characters;

d) up to 20-30 characters;

39. *The number of characters in the code alphabet is:*

a) code length;

b) code base;

c) code bit;

d) code alphabet

40. *A systematized set of names of groups of products and services, the coding of which is built according to a hierarchical classification system, is:*

a) international standard;

b) technical conditions of Ukraine;

c) state classifier of products and services;

d) standards of scientific and scientific-technical or engineering organizations of Ukraine.

41. *Shipping documents confirming the quantity of goods DO NOT include:*

a) commercial act.

b) packing list;

c) specification;

d) quality certificate;

42. *What does the sign "EO" mean on the packaging of suture material:*

a) needle shape;

b) metric size;

c) method of sterilization;

d) atraumatic needle

43. *In what cases is the marking applied not to the medical instrument, but to the consumer packaging:*

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a) tools made of precious metals;

b) it is impossible to place a marking on the surface of the tool in a font <2 mm;

c) marking changes the functional properties of the tool

d) tools are made of alloy steel;

44. *According to the material of manufacture, medical gloves are classified into:*

a) polyisoprene, micro-rough, universal, non-powdered.

b) nitrile, vinyl, anatomical, powdered;

c) latex, vinyl, nitrile, textured;

d) latex, nitrile, vinyl, polyisoprene, polychloroprene;

45. *It is necessary to make an application to the supplier for receiving surgical needles curved on 4/8 circumference, with a three-sided point and an elastic eye, a wire diameter of 0.5 mm and a deployed length of the needle of 20 mm. What will be the conventional designation of this needle?*

a) 4A2-0.5 * 20;

b) 3A1-0.5 * 20;

c) 4B1-0.5 * 20;

d) 2B1-0.5 * 20;

46. *Which of the listed rubber products is made by the non-mold method:*

a) wheels and vessels are subject;

b) heating pads, syringes;

c) harnesses, medical tubes;

d) fingers, nipples.

47. *The main suture measurement systems USP and EP define:*

a) needle diameter;

b) thread diameter;

c) the length of the needle;

d) curvature of the needle.

48. *A clamping tool used for feeding a sterile material or tool:*

a) serrated-lobed forceps;

b) Kocher clamp;

c) korntsang;

d) anatomical tweezers

49. *The document, which is confirmation that the sent goods meet the terms of the contract in terms of the nomenclature and quantity, is:*

a) contract;

b) specification;

c) commercial act;

d) certificate of conformity.

50. *A collection of regulatory documents, which establish modern quality standards for dosage forms, medicinal products and their components, as well as methods of analysis:*

a) the state pharmacopoeia of Ukraine;

b) quality control methods;

c) code of established practice;

d) national standard.

51. *The refractive power of the optical system of the eye is:*

a) accommodation;

b) refraction;

c) presbyopia;

d) emmetropia.

52. *The seller's obligation to deliver the goods to the destination specified in the contract, bear all the risks and costs associated with its delivery, in accordance with the rules of "Incoterms",*

belongs to the group:

- a) group D
- b) group C
- c) group A
- d) group E

53. Toothpastes that reduce tartar formation contain:

- a) abrasive substances, crystallization inhibitors;
- b) antiseptics;
- c) peroxide compounds;
- d) calcium compounds, strontium.

54. Medicinal and table mineral waters include water:

- a) with mineralization from 1 to 8 g/dm³;
- b) with more mineralization 8 g/dm³;
- c) with less mineralization 1 g/dm³;
- d) with mineralization from 4-10 g/dm³

55. What does the sign "VS" on the packaging of soft contact lenses mean?

- a) lens diameter;
- b) contact lens composition;
- c) optical power of the lens;
- d) basic curvature of the cornea of the eye.

56. The fifth level of ATS classification defines:

- a) chemical substances;
- b) therapeutic groups;
- c) therapeutic subgroups;
- d) anatomical groups.

57. When using which type of nebulizer, the range of drugs is significantly limited:

- a) ultra-frequency;
- b) membrane;
- c) compressor;
- d) ultrasonic

58. MAM technology in oscillometric tonometers determines:

- a) systolic pressure;
- b) arrhythmia;
- c) diastolic pressure;
- d) automatic analysis of 3 or 4 consecutive measurements.

59. Elastic mesh tubular bandages:

- a) application of plaster;
- b) with chronic varicose veins.
- c) for fixation of bandages;
- d) for compresses.

60. Name the ophthalmological device used to determine the limits of vision:

- a) perimeter.
- b) binocular magnifying glass;
- c) ophthalmometer;
- d) synoptophore;

61. Find the error. The main factors in conducting a course of drinking therapy with therapeutic mineral waters include:

- a) daily dose of water;
- b) water temperature;
- c) seasonality of the treatment course;
- d) reception frequency.

62. For what purpose, in the production of cotton wool, the raw materials are degreased:

- a) to preserve the connection between cotton wool fibers;
- b) to add hygroscopic properties
- c) to obtain white color;
- d) to eliminate foreign impurities.

63. What temperature regime is optimal for storing vaccines, toxoids and tuberculosis allergen:

- a) from 0 to + 5°C;
- b) from +3 to + 5°C;
- c) from +2 to + 8°C;
- d) from +1 to +3°C.

64. What corrective contact lenses are intended for use during sleep:

- a) orthokeratological;
- b) toric;
- c) bifocal;
- d) afocal.

65. What type of compressor nebulizer generates a "cloud" in the inhalation phase:

- a) with manual control;
- b) convection;
- c) dosimetric;
- d) is activated by breathing.

66. Which of the listed requirements for dressing materials is incorrect:

- a) capillarity;
- b) absorption capacity;
- c) elasticity.;
- d) flowability

67. What does non-absorbable hemostatic gauze contain:

- a) chlorhexidine;
- b) hydroxyapatite;
- c) cellulose oxide;
- d) calcium salt of acrylic acid

68. What is the principle of operation of pregnancy tests based on:

- a) on determining the level of prolactin;
- b) on the reaction of chorionic gonadotropin with reagents of test systems;
- c) on determining the level of prostaglandins;
- d) on determining the level of progesterone.

69. The minimum area of premises for staff in a pharmacy warehouse is:

- a) 10 square meters;
- b) 8 square meters;
- c) 20 square meters;
- d) 6 sq.m.

70. *Dressing materials include:*

- a) gauze, bandage, cotton wool;
- b) balls, tampons, gauze;
- c) cotton wool, gauze, lignin;
- d) gauze balls, bandage bags, cotton balls.

71. *Equipment used to monitor temperature and humidity must be calibrated and controlled:*

- a) once a year;
- b) once every six months;
- c) as needed.
- d) immediately after purchasing the equipment.

72. *When determining the "wetting" index of cotton gauze, the sample must dive into the water no later than through:*

- a) 10 s;
- b) 15 s;
- c) 20 s;
- d) 30 s.

73. *Placement of pharmacy warehouse in residential buildings and buildings of public purpose is allowed provided that:*

- a) availability of independent access to the outside;
- b) availability of a loading and unloading ramp;
- c) operation of these buildings not according to their intended purpose;
- d) availability of an area of at least 250 sq.m

74. *Refractive media of the eye are:*

- a) cornea, sclera lens;
- b) lens, iris, pupil;
- c) sclera, retina, anterior chamber;
- d) cornea, lens, vitreous body.

75. *What hCG concentration is determined by a highly sensitive pregnancy test:*

- a) 20-25 mIU hCG/ml;
- b) 10 mIU hCG/ml;
- c) 5 mIU hCG/ml;
- d) 30 mIU hCG/ml.

76. *What is the minimum length of service a specialist must have to perform the functions of an authorized representative*

persons in the pharmacy warehouse:

- a) not less than five years;
- b) at least one year;
- c) not less than two years;
- d) more than a year.

77. *What lenses are used to correct hypermetropia:*

- a) negative stigmatic;
- b) positive stigmatic;
- c) prismatic afocal;
- d) prismatic astigmatic.

78. *List the types of medical hygroscopic cotton wool:*

- a) ocular, surgical, sterile;

- b) hygienic, compressive; surgical
- c) hygroscopic, degreased, bleached;
- d) eye, surgical, hygienic.

79. *It is not recommended to place medicinal products:*

- a) by automatic transmission system - classification;
- b) by pharmacological group;
- c) by international unpatented name;
- d) in alphabetical order.

80. *RAD technology in oscillometric tonometers is the definition of:*

- a) violation of heart conduction;
- b) arrhythmias;
- c) diastolic pressure;
- d) automatic analysis of 3 or 4 consecutive measurements.

81. *Which of the listed devices is used to measure intraocular pressure:*

- a) ophthalmoscope;
- b) skiascopic rulers;
- c) synoptophore;
- d) Maklakov's tonometer

82. *Plasters containing medicinal substances that penetrate through the skin and affect deep tissues or have a general effect on the body are called:*

- a) diadermatic
- b) endermatic
- c) epidermal
- d) medical and preventive

83. *Storage of vaccines and toxoids is prohibited:*

- a) on the bottom shelf of the refrigerator
- b) different vaccines on one refrigerator shelf;
- c) in the door panel of the refrigerator
- d) vaccines and toxoids on one shelf of the refrigerator;

84. *Fragrant and coloring medicines should be stored:*

- a) separately by name;
- b) in a cool place;
- c) in a closed container filled with paraffin, separately by name;
- d) in a hermetically sealed container, impervious to smell, separately by name;

85. *For the storage of rubber products in the premises, it is necessary to ensure:*

- a) protection from light, from direct sunlight
- b) protection against mechanical damage;
- c) isolation from exposure to chemicals;
- d) all answers are correct.

86. *Toothpastes that reduce the sensitivity of hard tooth tissues contain:*

- a) abrasive substances;
- b) crystallization inhibitors;
- c) peroxide compounds;
- d) calcium compounds, strontium.

87. *Specify the accuracy of the indicators of the medical maximum mercury thermometer:*

- a) 1°C;

- b) 0.1°C;
- c) 0.2°C;
- d) 0.5°C;

88. *Refraction of the eye, in which the focus of parallel rays in the non-accommodating eye coincides with retina, is called:*

- a) ammetropic;
- b) hypermetropic;
- c) myopic;
- d) emmetropic.

89. *The duties of an authorized person of a pharmacy do not include:*

- a) maintaining a register of medicines that have entered the warehouse;
- b) completeness of goods in accordance with applications;
- c) conducting incoming quality control of medicinal products;
- d) keeping logs of registration of orders of the State Medical Service.

90. *The first level of ATX classification determines:*

- a) chemical substances;
- b) therapeutic groups;
- c) anatomical groups.
- d) therapeutic subgroups;

91. *Temperature and humidity measuring devices in the premises for the storage of drugs and medical products must be located:*

- a) at a height of 1-1.5 m from the floor;
- b) at a height of 1.5-1.7 m from the floor and at a distance 3 m from the door;
- c) at a height of no more than 90 cm from the floor and 2 m from the door;
- d) at a height of not less than 60 cm from the floor and 1 m from the door

92. *What lenses are used for presbyopia:*

- a) bifocal and trifocal;
- b) cylindrical;
- c) prismatic;
- d) afocal.

93. *In a medical and preventive institution, it is not allowed to store medicinal products together in the refrigerator with:*

- a) probiotics, eubiotics
- b) reagents, biological material
- c) hygiene products
- d) potent drugs

94. *Labeling of medicinal products "Store at a temperature not higher than 30 °C" means:*

- a) from 0 to 30 °C
- b) from 1 to 30 °C
- c) from 2 to 30 °C
- d) from 2 to 29 °C

95. *Therapeutic and preventive toothpaste must be used:*

- a) constantly;
- b) 30 days with a break of 1 week;
- c) up to 10 days with a break of at least two weeks;
- d) up to 7 days with a break of 3 weeks.

96. *Bandages include:*

- a) gauze, turundas, elastic bandages;
- b) bandages, cotton wool, tampons;
- c) gauze balls, medical napkins, hemostatic gauze;
- d) cotton balls, tubular bandage, individual dressing package.

97. *What device is used to determine color vision and the degree of its disorder:*

- a) retinoscopes;
- b) Filatov-Kalf elastotonometer;
- c) tables of Prof. Rabkin;
- d) binocular magnifying glass.

98. *Each batch of imported medicinal product, in addition to the quality certificate issued by the manufacturer, must be accompanied by the following document:*

- a) quality passport of the medicinal product imported into Ukraine;
- b) declaration of conformity;
- c) technical regulation;
- d) a quality certificate of a medicinal product imported into Ukraine.

99. *What do the Latin words *Distantia pupillarum* mean in a prescription for glasses. (DP)?*

- a) addition
- b) axis of astigmatic glass
- c) afocal glass
- d) the distance between the centers of the pupils

100. *What conditions must be observed when storing sterile dressing materials:*

- a) there should be no sudden temperature drop in the room;
- b) temperature 18-20 ° C;
- c) dry and dark room;
- d) humidity 50-60%

a