

**MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
SUMY STATE UNIVERSITY
MEDICAL SCHOOL**

"APPROVED"

Acting director of the Medical School

_____ **V.A.Smiyanov**

«___» _____ **2014**

TEST CARD 1

STEP 1 - CASE HISTORY

During a survey a woman (46 years old, accountant) filed a complaint to fatigue, thirst, frequent urination.

In the survey it was found: height - 160 cm, weight - 82 kg, waist circumference - 90 cm, hip circumference - 100 cm, and the blood pressure - 145/95 mm mercury, the heart rate at rest - 74 per minute.

When interviewing she said she has 3 meals a day. The diet of almost daily included meats (primarily pork), various cereals, vegetables (mostly potatoes), two-three times a week milk and dairy products. Fish, seafood, fresh fruit and vegetables are included some times in the diet. She prefers fatty and sweet dishes.

The results of laboratory tests:

Cholesterol (cholesterol) total - 5.5 mmol/l

LDL cholesterol is 3.4 mmol/l

HDL cholesterol - 0.8 mmol/l

Triglycerides - 2.3 mmol/l

Glucose on an empty stomach in the blood plasma is 7.1 mmol/l

Established diagnosis: diabetes mellitus type II.

- 1. Assess woman's diet, estimate biomass index and nutritional status.*
- 2. Determine the etiological factors or risk factors for the health of the patient.*
- 3. Forecast the consequences of the influence of risk factors on the health status of the patient.*
- 4. Substantiate the specific preventive measures for optimizing the nutritional status of the patient.*

STEP 2

Standard skill accordingly to EQC Method of water sampling from the water pipeline network for sanitary-chemical analysis.

Considered and approved at the meeting of the Department of Hygiene and Ecology with the course of microbiology, immunology and virology
Protocol No. 9 on March 19, 2014

Acting head of the chair
MD, assistant professor MV Pogorelov

compiler
Prof. AG Dyachenko

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TEST CARD 2

STEP 1 - CASE HISTORY

During the sanitary inspection of the conditions of the physical exercises in the secondary school the following data were obtained. On the land plot allocated functional areas: training, physical culture and sports, leisure and business. The percentage of land development - 25%, the landscaping area - 15%. Sports zone is placed next to the training. The soccer field is surrounded with a 100 m track length without special coating. Playground with fitness equipment is placed at the distance of 20 m from the windows of the classrooms, their protection requires repair, the jumps in length and height filled with sand without sawdust. Hard coating of playgrounds is needed in repair.

Sport hall is located on the ground floor and in the separate block of the school building, is equipped with 2 dressing rooms with toilets without showers, has access to a land plot. Sports hall area is 540 m² (30x18 m), a service room - 18 m².

- 1. Give hygienic assessment of the school sites for physical exercises.*
- 2. Determine etiological factors or risk factors for health of children.*
- 3. Give hygienic recommendations for the improvement conditions at physical training of pupils.*

STEP 2

Standard skill accordingly to EQC: explain the principle of work and to lay out a methodology for measuring the speed of air movement with different anemometers.

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TEST CARD 3

STEP 1 - CASE HISTORY

Great room is situated on the 2nd floor of the school building and in the classroom learn to 25 students. Class size is 9 x 6 x 3.5 m; natural lighting is carried out through three Windows 2.5 x 2,2 m. Sill height of 0.8 m, the distance from the top edge of the window-to-ceiling 0.2 m. Artificial illumination is provided by fluorescent LTV lamps (7 lighting fixtures of 4 lamps on 40 Watts in each). The level of artificial lighting of workplaces is 310 lux (12000 lux outside).

Natural ventilation of the premises is provided by 3 fanlight with size of 0.7 x 1.5 m, which are opened every hour for 10 minutes. Rate of air movement in fanlight at a crossventilation is 1 m/sec. CO₂ content of the air before the first class is 0,03 %, after the 4th one - 0,05 %.

- 1. Give hygienic assessment of the planning, light regimen and mode of the ventilation.*
- 2. Determine etiological factors or risk factors for health of children.*
- 3. Give hygienic recommendations on the improvement of the school environment and draw up a programme of preventive health measures.*

STEP 2

Standard skill accordingly to EQC: explain the principle and mode of the luxmeter action and demonstrate measurement of lighting level.

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TEST CARD 4

STEP 1 - CASE HISTORY

In the secondary school for 1200 students the production workshops (carpentry and metalwork) are located in a separate building and have 13 workers each. In the carpenter's shop shelves height 65sm are perpendicular to the window. The distance between the workbenches is 0.6 m, between the rows of bench is 1.2 m. In a mechanical shop machine tools for processing of metal with height of 95 and 87 cm (from the floor to the tools) are equipped with the protective screens. Each working place is provided with stools height of 40 sm and size of the seat 35x35 cm and nine footstands height of 5, 10, 15 cm (on three stands of each size). Benches are placed so that the light falls on the working place to the rightdown. The distance between the rows of bench - 1 m , from the inner wall-to-bench - 0.5 m, the distance between the pressures of 0.8 m.

- 1. Give hygienic assessment of the workshop equipment.*
- 2. Install the etiological factors or risk factors for the health of schoolchildren, which take place in these classrooms.*
- 3. Give hygienic recommendations for improvement of the conditions of labour education.*

STEP 2

Standard skill accordingly to EQC: explain the principle and mode of action of a psychrometer and demonstrate the ability to determine the relative humidity and temperature of air in the room.

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TEST CARD 5

STEP 1 - CASE HISTORY

The microclimate of learning room on informatics, where the 7-th class pupils work on personal computers, has such characteristics: air temperature - 21°C, relative humidity - 70 %, the speed of air movement - 0.2 m/s. The intensity of the ultraviolet radiation at a distance of 0.3 m from the screen in the range of wavelengths 400-320 nm is 2 W/m², in the range of 280-200 nm ultraviolet radiation is absent. Artificial lighting is exercised by a system of general lighting is carried out with tubes, the level of lighting on the keyboard - 300 lux, on the table - 300 lux. Room equipped with tables for the personal computers, the height of which is regulated within 460-760 mm.

The structure of the lesson according to the timekeeping: introduction - 10 minutes, the major part - 30 minutes, the final part is 5 minutes. Continuous work with the personal computer display, including an explanation of the teacher - 30 minutes, after work behind the monitor screen exercises with the purpose of prevention of the fatigue of the body of view is not held.

- 1. Give hygienic assessment of the organization of the lesson at computer class.*
- 2. Determine the etiological factors or risk factors for the health of students.*
- 3. Give hygienic recommendations on optimization of the educational process in the computer classes.*

STEP 2

Standard skill accordingly to EQC: explain methodology of soil sampling from the land plot for bacteriological examination.

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TEST CARD 6

STEP 1 - CASE HISTORY

Classroom is situated on the first floor of the school building. There are 30 pupils in a class. Length of room is 9 m, width- 6 m, height- 3,4 m. Natural illumination is carried out through three window, size of 2,5x2,5 m each. Sill height - 0.8 m, the distance from the top edge of the window to the ceiling - 0.2 m. Artificial illumination is provided by fluorescent lamps (9 lighting furnishes with 4 lamps of 40 Wt in each). The level of illumination of working places - 240 lx, blackboards - 350 lx. Minimum natural illumination of a workplace is 270 lx, under the open sky - 12 000 lx. For the ventilation of the premises there are three fanlights of size 0,5x1 m, which is opened every hour for 10 minutes. Speed of air movement in fanlights 0.3 m/s. CO₂ content before the first class is 0,06%, after the 3rd one - 0,12%.

- 1. Give hygienic assessment of the planning, light regimen and mode of ventilation of the classroom.*
- 2. Determine the etiological factors or risk factors for health of children.*
- 3. Give hygienic recommendations on the improvement of the school environment and draw up a programme of preventive measures.*

STEP 2

Standard skill accordingly to EQC: identify and evaluate the lighting coefficient in the classroom.

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TEST CARD 7

STEP 1 - CASE HISTORY

In a secondary school 784 students are studying. A medical survey conducted in 2008 have founded: 55 students have disharmonic physical development (30 of them - due to the significant deficient of body weight, and a 25 - due to its excess), 70 children have violations of posture (11 of them were with scoliosis of 1st degree, 5 - with scoliosis of 2nd degree), 90 students have mild myopia. 78 students suffer from other chronic diseases, 38 of them have - vegetative-vascular dystonia on hypertonic type. In the course of the year did not seek medical help 104 students.

During the medical examination in 2013 (780 children) disharmonic physical development were revealed in 60 students (45 of them - due to the significant deficient of body weight, and 15 - due to its excess), posture disorders - 82 students (scoliosis of 1st degree - 20, 2nd degree - 9). Vision disorders were founded in 103 students, 11 of them were with moderate myopia. Other chronic diseases were identified in 115 children, 75 of them with vegeto-vascular dystonia on hypertonic type. During the year 64 pupils did not seek medical help.

- 1. To assess the health status of schoolchildren with the definition of the main trends of the process of its formation in the dynamics of 5 years.*
- 2. Install the etiological factors or risk factors for the health of students.*
- 3. Develop a plan of hygiene studies and preventive health measures.*

STEP 2

Standard skill accordingly to EQC: explain the principle of the work of the anemometer and demonstrate the ability to work with the device.

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TEST CARD 8

STEP 1 - CASE HISTORY

The second class pupils are studying in the first shift. The schedule of trainings of the second class is the following:

Monday:

1. Reading
2. Mathematics
3. English language
4. The Ukrainian language

Tuesday:

1. Reading
2. Mathematics
3. Physical education
4. The Ukrainian language
5. I and Ukraine

Wednesday:

1. Music
2. Reading
3. The Ukrainian language
4. Mathematics
5. Bases of health

Thursday:

1. The Ukrainian language
2. English language
3. Mathematics
4. Physical education
5. Fine art

Friday:

1. Mathematics
2. Reading
3. Labour training
4. Labour training

1st shift:

1. $8^{30} - 9^{15}$
2. $9^{25} - 10^{10}$
3. $10^{20} - 11^{05}$
4. $11^{35} - 12^{20}$
5. $12^{30} - 13^{15}$
6. $13^{25} - 14^{20}$

Ball of complexity in the days of the week:

- Monday - 15,6
Tuesday - 10,2
Environment - 10,2
Thursday capacity - 13.9
Friday - 6,7

- 1. Give hygienic assessment of the timetable and schedule of classes second year pupils, who are enrolled in the first shift in the school.***
- 2. Install the etiological factors or risk factors for the health of the pupils of the second class.***
- 3. To develop and justify complex hygienic measures on optimization of the academic schedule and schedule of classes.***

STEP 2

Standard skill accordingly to EQC: to explain methodology of determination time of visual-motor reaction of the employee.

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TEST CARD 9

STEP 1 - CASE HISTORY

Sanitary inspection received in may a message concerning a case of disease in a family. Symptoms were nausea, weakness, dizziness. An hour later started vomiting, which was accompanied by pain in the stomach area. Vomiting was over a day, diarrhea was not. During the examination - paleness of skin, jaundice not found. After rendering first medical aid to the status of victims has improved. One of the members of the family (boy) was hospitalized. On the 2nd day he had jaundice, which remained for 5 days, on the 17th day he was discharged healthy. The sanitary-and-epidemiological study shown that the illness started within 8 hours after eating the food fresh mushrooms, which bought on the market. Mushrooms fried in butter. The greatest quantity of mushrooms ate the boy.

- 1. To give an opinion on the nature of the disease. Specify the main clinical symptoms of poisoning with death cup, wrinkles.*
- 2. Call reasons and circumstances of this case of food poisoning.*
- 3. Develop plan of measures for the prevention food poisoning.*

STEP 2

Standard skill accordingly to EQC: point out the method of air temperature measuring.

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TEST CARD 10

STEP 1 - CASE HISTORY

The sanitary-and-epidemiological station received a message about the disease in the child care unit. The disease began in 2-5 hours after eating the cheese with sugar during breakfast. Nausea, vomiting, and in some cases repeated appeared in the victims, they felt also a sharp pain in epigastria area. The temperature in the most affected was normal, in 3 - subfebril. Paleness of skin and flabbiness were observed in all patients. After rendering first medical care manifestations of intoxication were held during 3-4 days. It was established that the cheese was admixed with sugar by laundress, which helped the cook in food preparing. Before distribution the mixt was at room temperature for a long time. During the medical examination of the laundress small infected cuts were found on the fingers of one hand.

- 1. To give an opinion on the nature of the disease and to name the laboratory research to be undertaken to confirm the diagnosis.*
- 2. Explain the reason and circumstances of the occurrence of a given food poisoning.*
- 3. Determine measures wich should be undertaken for prevention diseases of a similar nature.*

STEP 2

Standard skill accordingly to EQC: to demonstrate a technique for determining the relative humidity of the air with the psychrometer.

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TEST CARD 11

STEP 1 - CASE HISTORY

The patient is in the hospital with a diagnosis of hypertensive disease of II-B stage. From an anamnesis it is known he is a head of department in the design office. His work is connected with the nervous and emotional stress. Peculiarity of patient's nutrition: he prefers meat, fatty foods, he drink coffee every day, sometimes - alcohol, one-two times a week he takes fish, seafood, milk and dairy products, fresh vegetables and fruits.

The survey found: the height of a man - 172 cm, weight - 89 kg, the circumference of the waist - 98 cm, the circumference of hip - 102 cm, blood pressure - 170/95 mm Hg, the pulse at rest - 90 beats per minute.

The results of laboratory analysis of the blood of the patient:

Cholesterol (cholesterol) total - 6.2 mmol/l

LDL cholesterol was 4.6 mmol/l

HDL cholesterol is 0.72 mmol/l

Triglycerides of 4.8 mmol/l

Glucose on an empty stomach to 5.0 mmol/l

- 1. To give hygienic assessment of the situation, to estimate the biomass index, to assess the nutritional status of the patient.***
- 2. What risk factors for the patients health?***
- 3. What effects of the influence of risk factors on the health of the patient?***
- 4. To develop and justify plan of preventive measures.***

2 STAGE OF THE EXAM.

Standard skill accordingly to EQC: methodology of water sampling for further sanitary-bacteriological research.

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TEST CARD 12

STEP 1 - CASE HISTORY

The outbreak of food poisoning occurred in the resthouse. The clinical picture of the disease: incubation period 2 hours, the temperature of patient is normal, nausea, vomiting, general weakness, the duration of disease is 1-2 days.

At the sanitary-and-epidemiological investigation was established the product caused disease is macaroni with mincemeat, which was leaved for eating for dinner. In the morning of next day macaroni were mixed with minced meat and left in a pot on the stove for dinner. On the hands of the cooks purulent burns were founded. In suspicious food, stomach washes was isolated E. coli. On this basis doctor was concluded that food poisoning was caused by pathogenic strains of Escherichia coli.

- 1. What pathogen causes diseases? What laboratory researches are necessary to confirm diagnosis?***
- 2. What reason and conditions of food poisonin?***
- 3. What procedure of investigation of food poisoning?***
- 4. Develop plan of prevention of similar cases of food poisoning.***

2 STAGE OF THE EXAM.

Standard skill accordingly to EQC: explain the principle of determination room temperature with katatermometer and demonstrate work whith it.

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TEST CARD 13

STEP 1 - CASE HISTORY

The daily nutrition of women - textile worker (35 years old, group II of work intensity) contains 50 g of proteins, including of animal origin - 25 g, 70 g of fats, including plant fats - 20 g, 370 grams of carbohydrates, 600 mg of calcium, 950 mg of phosphorus, 350 mg of magnesium, 14 mg of iron, vitamin C - 50 mg, B₁ - 1.3 mg, B₂ - 1.6 mg, B₆ 1.8 mg, PP - 16 mg, D - 3 g, A - 0.9 mg.

Average daily consumption of milk is 300 g. Cheese - 1 times per week. She's diet every day includes meat (mainly chicken), vegetables (mainly boiled), stewed one-two times a week, fermented milk drinks, fish, seafood, fresh vegetables and fruits, cereals.

- 1. Give hygienic assessment of the diet.**
- 2. Assess balance of proteins, fats, carbohydrates and minerals.**
- 3. What physiological requirements for nutrients and energy.**
- 4. Correct this diet.**

2 STAGE OF THE EXAM.

Standard skill accordingly to EQC: Determine the relative humidity using psychrometer.

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TEST CARD 14

STEP 1 - CASE HISTORY

Woman, 47 years-old, works at the confectionary, comes to doctor for preventive examination. She complains on the dyspnoea at physical activity, dizziness, periodical headache, heaviness in the back of the head, heartbeat, pain in the heart, pulsation in his temples. She's height 165 cm, body mass 88 kg, arterial pressure 170/90 Hg mm, pulse rate 80 bits per min. Data of laboratory examination of the blood:

Cholesterol total - 6,80 mmol/l

Low- density lipoproteins (LDL) - 4,20 mmol/l

High-density lipoproteins (HDL) - 0,94 mmol/l

Triglycerides - 6,12 mmol/l

Glucose on an empty stomach - 5,5 mmol/l

- 1. Calculate body mass index, assess the nutritional status of the patient and biochemical changes in the organism.**
- 2. Determine presence of the risk factors in patient.**
- 3. Make predictions of the impact of these factors on the nutritional status and health of the patient.**
- 4. Develop measures for optimization nutritional status of the patient**

2 STAGE OF THE EXAM

Standard skill accordingly to EQC: explane principle of luxmeter work and demonstrate measuring of lighting.

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TEST CARD 15

STEP 1 - CASE HISTORY

The man 56-year-old went to a doctor with complaints on a nervousness, fatigability periodical headache, and pressure in the temples, pain in the heart, dyspnoea, heartbeat, heaviness and numbness in legs during physical activity, thirst. Patient is an accountant at the large industrial enterprise. He works 10-12 hours per day.

His nutrition is irregular. He prefer fatty meat and smoke meat products, every day he consumes eggs, cottage cheese, potato, he likes sweets and pastry.

Medical examination has shown: arterial pressure 160/90, pulse rate at rest 79 beats/min, body weight 99 kg, body height 178 cm.

Data of laboratory examination of the blood:

Cholesterol total - 7,20 mmol/l

Low-density lipoproteins (LDL) - 6,50 mmol/l

High-density lipoproteins (HDL) - 0,7 mmol/l

Triglycerides - 1,8 mmol/l

Glucose on an empty stomach - 6,7 mmol/l

- 1. Calculate body mass index, assess the nutritional status of the patient and biochemical changes in the organism.**
- 2. Determine presence of the risk factors in patient.**
- 3. Make predictions of the impact of these factors on the nutritional status and health of the patient.**
- 4. Develop measures for prevention unfavorable changing in patient health.**

2 STAGE OF THE EXAM

Standard skill accordingly to EQC: demonstrate measuring of power of equivalent dose of γ -radiation helping handheld dosimeter and give hygienic assessment of result obtained.

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TEST CARD 16

STEP 1 - CASE HISTORY

Woman 42-years old went to doctor – dietologist with complications on nervousness, fatigue, periodical pain in the legs, paresthesia, decrease in appetite, and decline of attention. Over the last two months she had lost 5 kg in body weight. Doctor pays attention on an alternating constipations and diarrhea in woman. Shis diet included proteins – 78 g, fats – 64 g, carbohydrates – 314 g, calcium – 800 mg, magnesium – 450 mg, potassium – 4000 mg, iron - 15 mg, ascorbic acid – 60 mg, thiamine – 0,1 mg, riboflavine – 1,2 mg, pyridoxine – 1,3 mg, retinol – 0,9 mg.

- 1. Assess nutrition of the patient and specify additional methods of it's study.***
- 2. Determine presence of the risk factors in patient.***
- 3. Specify physiological requirement in nutrients and their natural sources.***
- 4. Develop measures for prevention unfavorable changing in patient health***

2 STAGE OF THE EXAM

Standard skill accordingly to EQC: Demonstrate measuring of velocity of the air in the room helping katathermometer.

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TEST CARD 17

STEP 1 - CASE HISTORY

In town N. wastewater from the municipal sewerage, industrial enterprises, and rainwater runoff are released into the river S. Cottage town with rest zone and town beach are located downstream of the dropping site. After study water samples from the river (1 km above the town beach) following results were obtained:

Water quality index	Above the town beach	Normative values of water quality index for the natural water reservoirs	Hazard class
Dissolved oxygen	4,3 мгО ₂ /дм ³	Not less then 4,0	1,2,3
BOD ₂₀ (biological oxygen demand)	5,2 мг/дм ³	3 mg/dm ³	1
		5 mg/dm ³	2
		7 mg/dm ³	3
Permanganate oxidation	19,2 мг/дм ³	7 mg/dm ³	1
		15 mg/dm ³	2
		20 mg/dm ³	3
Causative agents of enteric infections	not detected	Salmonella and enteroviruses may be present in 10 % water samples	1,2,3
E.Coli index			
Enterococcus spec. index, per 1 dm ³	19 000	1000	1,2,3
	5000 CFU	1000 CFU	1,2,3
Iron	5 mg/dm ³	1 mg/dm ³	1
		3 mg/dm ³	2
		5 mg/dm ³	3
Fluorine	5 mg/dm ³	0,1 – 0,5 mg/dm ³	1,2,3

1. Assess water quality.
2. Give hygienic conclusion concerning possibility of it use for water supply.
2. Specify risk factors for population health.
4. Develop plan of hygienic measures for prevention unfavorable influence of this water on a people health.

2 STAGE OF THE EXAM

Standard skill accordingly to EQC: Demonstrate milk quality determination helping device «Ecomilk».

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SUMY STATE UNIVERSITY
MEDICAL SCHOOL**

"APPROVED"

Acting director of the Medical School

_____ **V.A.Smiyanov**

«___» _____ **2014**

TEST CARD 18

STEP 1 - CASE HISTORY

In town M. wastewater from the town sewerage, metallurgical plant, and rainwaters runoff are released into river N. Village B. with rest zone and water-sport facilities are situated downstream of the dropping site. Examination of water samples from the river 1 km above the village following results were obtained:

<i>Water quality index</i>	Above the town beach	Normative values of water quality index for the natural water reservoirs	Class of surface water sources
Visible admixture	foam	-	1,2,3
Color , degrees	200	35 120 200	1 2 3
Temperature	23°	8-25°	1,2,3
pH	7	6,5-8,5	1,2,3
Causative agents of enteric infections	not detected	Salmonella and enteroviruses may be present in 10 % water samples	1,2,3
E.Coli lactos-positive index	12 000	1000 10 000 50 000	1 2 3
Enterococcus spec. index, per 1 dm ³	3000 CFU	1000 CFU	1,2,3
Saprophytic microorganisms index	3000	2000	1,2,3
Iron	5 mg/dm ³	1 mg/dm ³ 3 mg/dm ³ 5 mg/dm ³	1 2 3
Lead	0,05 mg/dm ³	0,01 mg/dm ³	1,2,3
Nicel	0,4 mg/dm ³	0,1 mg/dm ³	1,2,3
Manganese	0,19 mg/dm ³	0,1 mg/dm ³ 1,0 mg/dm ³ 2,0 mg/dm ³	1 2 3

- 1. Assess water quality.*
- 2. Give hygienic conclusion concerning possibility of it use for water supply.*
- 2. Specify risk factors for population health.*
- 4. Develop plan of hygienic measures for prevention unfavorable influence of this water on a people health.*

2 STAGE OF THE EXAM

Standard skill accordingly to EQC: demonstrate method of measuring of air speed in the premise.

Considered and approved at the meeting of the Department of Hygiene and Ecology with the course of microbiology, immunology and virology

Protocol No. 9 on March 19, 2014

Acting head of the chair

MD, assistant professor MV Pogorelov

compiler

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TEST CARD 19

STEP 1 - CASE HISTORY

At the sanitary inspection of the district obstetric department physician revealed the following: obstetric department is located in the adapted one-story building. The entrance to the department is combined with entrance to other medical corps. The hospital land plot has a park zone, its area is 20% of total area of hospital land plot. Obstetric department for 22 beds includes delivery and postnatal physiological and observation compartments. There is sanitary inspection room for the staff with shower, separated for physiological and observational compartments. An observational and physiological departments have a common entrance. Ventilation of wards is according to schedule - 3 times per day. Air quality in the wards is controlled according to the schedule 1 time per year. Wet cleaning with disinfectants - 1 time per day. General cleaning - 1 time per month. Ultraviolet are sanitation with bactericidal lamps - every day. Change of women linen is once per week, or if it is necessary. Linen for obstetric hospital washed in the hospital laundry in a separate washing machine. During the monitoring of indoor air quality in the observational department following data are obtained:

Premises	Time of study	Microbial number, CFU in 1 m ³ of the air	St.aureus, CFU in 1 m ³ of the air
1. Delivery room of observation branch	During work	2500	21
2. Children's ward of observation branch	During the day	1470	17

- 1. Give hygienic assessment of this situation.*
- 2. Specify risk factors for women and children health.*
- 3. Make predictions concerning the impact of these factors on the women and children health*
- 3. Develop preventive measures.*

2 STAGE OF THE EXAM.

Standard skill accordingly to EQC: Demonstrate method of daylight factor determination in the premise.

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