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_____ Volodymyr YUSKAEV
_____ 2020p.

EXAMINATION TASK

State certification at the education qualification level «specialist»
in the specialty 7.12010001 «General medicine»

Discipline «Hygiene, Social Medicine, Organization and Economics of Health
Protection»

Variant № 1

Station «4»

The average annual number of population in the district is 120,000; during the reporting year 920 children were born.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. An obstetrician-gynaecologist of a women's health clinic registered a 24-year-old woman as pregnant when she was at 10 weeks of pregnancy. What document should be filled in by a doctor?
5. An acute cerebrovascular accident happened to a 67-year-old patient, his hospitalization is not allowed over grave condition. Issue a sick leave of care for the patient to his daughter.

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Variant № 2

Station «4»

The average annual number of population in the district is 90,000; during the reporting year 14,000 people died.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. At the maternity hospital during the year there were 1,000 births, 76% of them were physiological. Indicate the document based on which this conclusion was made.
5. At the therapeutic department a 45-year-old patient was under treatment with a community-acquired pneumonia for 14 days, after that he was discharged to work. Fill in the sick leave.

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Variant № 3

Station «4»

760 children were born alive during the previous year in the district, 840 children – during the current year. 6 children under the age of 1 year died during the current year, 3 children died during the previous year.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. A 36-year-old patient, an engineer, was under the treatment over the hip fracture with a sick leave during 118 days. He is temporary disabled to work and needs further treatment to get full recovery. What document should the doctor fill in?
5. A 27-year-old patient, a loader, was under the treatment in the surgical in-patient department over the acute appendicitis during 8 days, then he was discharged from the hospital with a recommendation to continue treatment at the place of living. What is the procedure of arranging his temporary disability?

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Variant № 4

Station «4»

The number of visits to doctors of the district medical care facilities during the year was 8,180,000. The number of population of the district is 90,000 (regional index – 12.3).

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. A 46-year-old patient, a bricklayer, after an acute myocardial infarction is being disabled to work with a sick leave during 116 days, in his profession he is disabled to work. What document should be filled in by the doctor?
5. A female engineer's 5-year-old daughter fell ill. The child was under the out-patient treatment during 12 days. What is the procedure of arranging temporary disability to work for the mother?

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Variant № 5

Station «4»

The average annual number of population of the district is 95,000. During the reporting year when visiting district medical care facilities, the number of registered cases of diseases among the population was 145,000.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. In a children polyclinic 73% of children were vaccinated. Indicate the document based on which this conclusion was made.
5. An employed 25-year-old woman delivered a live child at the 28th week of pregnancy. What is the procedure of filling in a sick leave?

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Variant № 6

Station «4»

The average annual number of population of the district is 95,000. The number of live births during the reporting year in the district is 1,450.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. A family physician preliminary diagnosed dysentery in a patient. What document should the doctor fill in?
5. A 25-year-old man, a mechanic, fractured his arm in domestic conditions. What is the procedure of arranging his temporary disability to work?

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Variant № 7

Station «4»

During the current year 7,114 children were born alive, there were 23 still births,
33 children aged under 1 year old died during the current year.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. A pregnant woman was being under supervision at a women's health clinic from the 15th week of pregnancy. The nature of her main work is chemical manufacturing. What document should be issued at the women's health clinic for the pregnant woman over harmful working conditions?
5. An employed woman's 5-year-old child fell ill. A paediatrician of children polyclinic diagnosed pneumonia and prescribed out-patient treatment to the child. What is the maximum term of a sick leave for care of a sick child that a paediatrician of children polyclinic has the right to issue?

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Variant № 8

Station «4»

The average annual number of population in the region is 1,094,284. The number of first registered cases of diseases – 580,600 (the state rate is 51,200).

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. A family doctor during an outpatient appointment with an employed patient, after conducted clinical and diagnostic examinations, diagnosed dysentery. What document should be urgently filled in in this situation?
5. A worker had an outpatient appointment with a family doctor over an acute respiratory viral infection. The patient is not able to perform his functional duties. What is the maximum term of a sick leave that a family doctor can issue by himself?

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Variant № 9

Station «4»

There is a machine-building plant in the region. The average annual number of employees is 7,200. There were 6,100 cases of temporary disability registered.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. A district paediatrician has to analyse infant mortality. Based on which medical documents this analysis can be conducted?
5. A worker over a disease was temporary disabled to work during 18 days. He was under outpatient treatment with his family doctor. What is the procedure of the sick leave issue and prolongation for this patient?

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Variant № 10

Station «4»

The number of population in the district is 90,000. The number of first registered cases of neoplasms is 2,000.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. Children birth registration is carried out at the place of parents' residence or at the place of residence of one of them. What is the main document that should be submitted to the Civil Registry Office for registration of a child birth?
5. A worker was under inpatient treatment in a hospital with pneumonia during 16 days. What is the procedure for issuing a sick leave by a doctor of an inpatient department of a hospital in this case?

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Variant № 11

Station «4»

The number of population in the region is 920,000. The number of people first registered as invalids among adult population is 5,152 (the state primary invalidity rate among adult population is 52 cases per 10,000 population).

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. A woman was diagnosed with a malignant tumour for the first time in her life. What medical document a doctor has to issue?
5. A woman's 12-year-old daughter was ill during 16 days. What is the correct procedure for issuing a document on temporary disability to work because of taking care of a sick child to the mother?

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Variant № 12

Station «4»

The number of population in the region is 650,000. The number of people first registered as invalids among able to work population is 3,120 (the state primary invalidity rate among able to work population is 45 cases per 10,000 population).

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. A family physician preliminary diagnosed diphtheria in a patient. What document should the doctor fill in additionally?
5. A 38-year-old patient, a worker of a plant, was under outpatient treatment over influenza during 9 days. What is the procedure of arranging his temporary disability to work?

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Variant № 13

Station «4»

In the inpatient surgical department of the city hospital 6,500 patients were under treatment during the year; they spent 102,000 bed-days there (an average term of treatment in surgical inpatient departments of the city hospitals is 12.3 days).

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. A man was diagnosed with an active tuberculosis. Indicate the document which is necessary to issue in this case.
5. A 12-year-old child was under treatment in the inpatient department of the children hospital for 4 days. The child needed continuous care. What is the procedure of arranging temporary disability to work for the father to take care of the child?

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Variant № 14

Station «4»

In the inpatient therapeutic department of the city hospital 1,200 patients were under treatment during the year. The capacity of the inpatient department is 60 beds. The turnover of beds in the therapeutic inpatient departments of the city hospitals is 28.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. A child, who was born alive, died at the 4-th day of living. What documents should be issued?
5. A 39-year-old patient was under treatment in the inpatient neurological department of the regional hospital for 21 days. What is the procedure of arranging temporary disability to work for the patient?

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Variant № 15

Station «4»

The number of visits to medical care facilities of a city was 1,560,000. The number of population of the city is 120,000. An average number of visits per a citizen in the city is 11.6.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. A 4-year-old child after being vaccinated had unusual reaction to vaccination. What document should be issued?
5. A woman had a delivery with complications. The child was born alive. What is the term of a sick leave in this case?

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Variant № 16

Station «4»

The average annual number of population in the region is 1,199,000. The number of live births in the current year – 11,141.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. In order to assess the rational use of the bed capacity, the registration of hospitalized morbidity is conducted. What statistical document is the main source of information in this case?
5. A teacher of a secondary school was diagnosed with an active pulmonary tuberculosis after the examination. What is the maximum term of a sick leave that can be issued to the patient?

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Variant № 17

Station «4»

The average annual number of population in the region is 1,179,000. During the reporting year 20,737 people died.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. A child after examination was diagnosed with epidemic parotitis. What document should be filled in to record this document?
5. A woman was discharged from the inpatient department of a hospital with a live child, who was born at the 29th week of pregnancy. What is the maximum term of a sick leave over pregnancy and childbirth that can be issued?

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Variant № 18

Station «4»

The number of live births in the previous year in the region was 18,870, in the current year – 18,255. 55 children under the age of 1 year old died during the current year, 82 children died in the previous year.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. A 42-year-old patient, a teacher, was under the treatment over the hip fracture with a sick leave during 119 days. He is temporary disabled to work and needs further treatment to get full recovery. What document should the doctor fill in?
5. A 34-year-old patient, a manager, was under the treatment in the surgical inpatient department over the acute appendicitis during 7 days, then he was discharged from the hospital with a recommendation to continue treatment at the place of living. What is the procedure of arranging his temporary disability?

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Variant № 19

Station «4»

The average annual number of population in the region is 1,179,000. In the current year when visiting medical care facilities, the number of all registered cases of diseases among the population was 2,506,000. State prevalence rate is 125,000 cases per 100,000 population.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. After having an extended illness 78-year-old man died at home. What document should be issued in this case?
5. An employed woman's 5-year-old child fell ill. The child was under outpatient treatment. What is the maximum term of a sick leave for care of a sick child that can be issued at children's polyclinic?

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Variant № 20

Station «4»

In the region there is a chemical plant. The average annual number of workers is 1,100. 890 cases of temporary disability were registered there.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. A district paediatrician has to analyse infant mortality. Based on which medical documents this analysis can be conducted?
5. A worker over a disease was temporary disabled to work during 17 days. He was under outpatient treatment at his family doctor. What is the procedure of the sick leave issue and prolongation for this patient?

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Variant № 21

Station «4»

The average annual number of population in the region is 2,729,000. In the current year when visiting medical care facilities, the number of first registered cases of diseases among the population was 1,557,000. State incidence rate is 45,000 cases per 100,000 population.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. In a children's polyclinic 85% of children were vaccinated. Indicate the document based on which this conclusion was made.
5. The doctor in charge recommended further health resort treatment to the 43-year-old tuberculosis patient after 3-months of inpatient treatment. Who has to issue a sick leave in this case?

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Variant № 22

Station «4»

There were 350,000 visits to medical care facilities of the district, the number of district population is 30,000 (state index is 12.3).

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. A woman was registered as pregnant at a woman's health clinic when she was at 10 weeks of pregnancy. She was under medical supervision and had normal course of pregnancy. What document should obstetrician-gynaecologist issue when taking her under supervision?
5. A man being at home fractured his upper arm bone and was taken to the injury department of a polyclinic. How should temporary disability be arranged?

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Variant № 23

Station «4»

The number of adult population in the region is 943,000. The number of people first registered as invalids among adult population is 5,552. The state primary invalidity rate among adult population is 52 cases per 10,000 population.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. 420 children were born in the district, including 120 cases of premature births, 200 births at term, and 100 postmature births. What documents should be analysed to get information on the frequency of deliveries (births) different in term in the district?
5. An employed woman's 5-year-old child fell ill. The child was under the outpatient treatment during 17 days. Her mother took care of the daughter during the treatment. What is the procedure of arranging temporary disability to work to the mother?

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Variant № 24

Station «4»

6,560 patients were under treatment at the inpatient therapeutic department of the city hospital during the year. The patients spent 101,500 bed-days there. Average term of treatment in the inpatient therapeutic departments of the city is 13.2 days.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. An oncologist has to register oncological diagnosis made by him. Select recording documents necessary for this purpose.
5. A 13-year-old patient was under inpatient treatment. The patient needed individual (personal) care during 6 days, his mother provided care for him. Is it possible to issue a sick leave to the mother, who provided care?

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Variant № 25

Station «4»

1,100 patients were under treatment at the inpatient surgical department of the city hospital during the year. The capacity of this department is 50 beds. The average turnover index at the inpatient surgical departments of the city hospitals is 27.5.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. A phthisiologist has to register the diagnose of tuberculosis made by him. Select intermediate recording documents necessary for this purpose.
5. 29-year-old patient, a driver, was under treatment at neurological department of the regional hospital during 18 days. What is the procedure of arranging temporary disability to work to the patient?

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State certification at the education qualification level «specialist»
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Discipline «Hygiene, Social Medicine, Organization and Economics of Health
Protection»

Variant № 26

Station «4»

The average annual number of population in the district was 2,547,000. In the current year when visiting medical care facilities, the number of first registered cases of traumas and poisoning was 113,000. Traumas and poisoning incidence rate in the region was 34,000 cases per 100,000 population.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. A dermatovenerologist has to register the diagnose of syphilis made by him. Select intermediate recording documents necessary for this purpose.
5. An employed 32-year-old woman delivered a live child at the 28th week of pregnancy. The child died on the second day after birth. What is the procedure of issuing a sick leave (medical certificate of temporary disability) to the woman?

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Protection»

Variant № 27

Station «4»

During the current year 6,897 children were born alive, there were 21 still births,
29 children aged under 1 year old died during the current year.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. A pregnant woman was being under supervision at a women's health clinic starting from the 12th week of pregnancy. The nature of her main work is chemical manufacture. What document should be issued at the women's health clinic for the pregnant woman over harmful working conditions?
5. A woman had delivery with complications at the 38th week of pregnancy. The child was born alive. What is the procedure of issuing a sick leave (medical certificate of temporary disability)?

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Protection»

Variant № 28

Station «4»

There is a metallurgical plant in the region. The average annual number of workers is 2,800. 1,970 cases of temporary disability were registered there.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. A dermatovenerologist has to register the diagnose of microsporia made by him. Select intermediate recording documents necessary for this purpose.
5. An employed woman's 5-year-old child fell ill. Diagnose: acute obstructive bronchitis. The child was hospitalized. What is the procedure of arranging a sick leave for care of a sick child to the mother?

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Variant № 29

Station «4»

The number of population in the district is 112,000. The number of first registered cases of neoplasms is 2,800.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. Children birth registration is carried out at the place of parents' residence or at the place of residence of one of them. What is the main document that should be submitted to the Civil Registry Office for registration of a child birth?
5. A 30-year-old patient, an engineer, was under outpatient treatment over acute bronchitis during 9 days. What is the procedure of arranging his temporary disability to work?

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Protection»

Variant № 30

Station «4»

At the inpatient neurological department of the city hospital 685 patients were under treatment during the year. 60 patients died.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. In order to evaluate the rational use of the bed capacity, the registration of hospitalized morbidity is conducted. What statistical document is the main source of information in this case?
5. A 45-year-old patient, a driver, after an acute myocardial infarction is being disabled to work with a sick leave (medical certificate of temporary disability) during 110 days. What is the further procedure in this case?

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Variant № 31

Station «4»

The average annual number of population in the district was 115,600. 790 children were born in the current year there.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. What document should the head of women's health clinic check to monitor how an obstetrician-gynaecologist performs medical and technological standards when supervising a pregnant woman?
5. What is the maximum term of a sick leave that a family doctor of a rural ambulatory clinic can issue to a patient?

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Protection»

Variant № 32

Station «4»

The average annual number of population in the district was 191,000. 3,056 people died in the current year.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. What is the necessary document that an obstetrician-gynaecologist has to issue to a pregnant woman to be hospitalized to a maternity hospital?
5. What is the term of a sick leave that should be issued to the mother of a 5-year-old child, who was under inpatient treatment during 22 days?

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Variant № 33

Station «4»

The number of live births in the previous year in the district was 670, in the current year - 780. 16 children under the age of 1 year old died during the current year, 13 children died during the previous year.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. What is the maximum term of a sick leave that a traumatologist can issue by himself with a diagnose “Radius bone fracture”?
5. A pregnant woman was under supervision at a women’s health clinic. A complication happened during labour and delivery, a surgery was necessary. What is the term of a sick leave over pregnancy and childbirth that should be issued?

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Variant № 34

Station «4»

The number of visits to doctors of the district medical care facilities during the year was 716,000. The number of population of the district is 89,000 (regional index of visits per an inhabitant is 10.1).

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. A 46-year-old mechanic being frequently and chronically ill has an occupational neurological disease. Who makes a decision to transfer him to another job?
5. A sick leave for care of a sick 10-year-old child for 10 days was issued to the mother. A child continues to be ill. What document a paediatrician has the right to issue to the mother to prolong the sick leave?

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Variant № 35

Station «4»

The average annual number of population in the district is 75,000. In the current year when visiting medical care facilities, the number of all registered cases of diseases among the population was 115,000. Total morbidity rate in the region is 125,000 cases per 100,000 population.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. Can a sick leave (medical certificate of temporary disability) be issued to employees of private institutions?
5. A patient was under inpatient treatment for 23 days. After that the patient was discharged to work. What is the procedure for issuing a sick leave?

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Variant № 36

Station «4»

The average annual number of population in the district is 76,000. The number of live births is 1,550 in the reporting year.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. What document should be issued to a pregnant woman working at a shop producing paints, when taking her under medical supervision to reduce harmful influence on her health and health of the unborn child?
5. A worker was under inpatient treatment in a hospital with a heavy injury during 3 months. What is the maximum term of a sick leave that can be issued during his continuous treatment at a medical care facility?

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Variant № 37

Station «4»

During the current year 6,735 children were born alive, there were 23 still births,
46 children aged under 1 year old died during the current year.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. What is the maximum term of a sick leave that can be issued to a patient with a chronic obstructive disease of lungs that was treated continuously?
5. A woman was under inpatient treatment over induced abortion. After the surgery complications happened. What is the maximum term of a sick leave if the woman was under inpatient treatment at a gynaecological department for 8 days?

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Variant № 38

Station «4»

The average annual number of population in the region is 1,138,700. The number of first registered cases of diseases among the population was 456,987 (state incidence rate is 38,900 cases per 100,000 population).

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. What is the maximum term of a sick leave to a worker of a chemical plant when treating tuberculosis?
5. A woman on the 29th week of pregnancy was ambulated to emergency department of maternity hospital over the beginning of labour. It was a stillbirth. What is the term of a sick leave over pregnancy and childbirth that should be issued in this case?

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Protection»

Variant № 39

Station «4»

There is a metallurgical plant in the region. The average annual number of workers is 5,600. 4,810 cases of temporary disability were registered there.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. 323 women are under supervision at a women's health clinic. 198 women at up to 12 weeks' period of pregnancy were registered at a female health clinic. What index to record the performance (activities) of a women's health clinic can be calculated and how?
5. Who at a medical care facility has a right to send a patient to the Medical and Social Expert Committee?

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Variant № 40

Station «4»

There were 32 children who died under the age of 1 month old, 54 children who died under the age of 1 year old in a city. The number of children who were born alive in the current year is 689.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. A worker of a private institution didn't go to work because of fever. He called his family doctor and asked to open (start) a sick leave (medical certificate of temporary disability). Under what condition can the doctor issue a sick leave?
5. What document should be sent to a children's polyclinic to inform a paediatrician about a new-born in his district?

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Protection»

Variant № 41

Station «4»

The average annual number of population in the district is 187,000. 5,430 people died there in the current year.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. What is the maximum term of a sick leave that a feldsher can issue to a farmer with an acute respiratory disease?
5. An employed woman's 4-year-old child fell ill. The mother took care of the child who was under outpatient treatment during 13 days. Who should issue a sick leave for care of a sick child in this case?

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Variant № 42

Station «4»

There were 17 children who died under the age of 1 month old and 66 children who died under the age of 1 year old in a city. The number of children who were born alive in the current year is 760.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. A worker of a machinery plant got an injury at home. It was recorded by his family doctor. Starting from what day a sick leave should be arranged?
5. An employed pregnant woman was under supervision of an obstetrician-gynaecologist at a women's health clinic. The delivery was physiological. What is the term of a sick leave that should be issued to the woman?

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Variant № 43

Station «4»

At a surgical inpatient department of a city hospital 20 patients died after 900
surgeries conducted. The average level of postoperative mortality (lethality) at
surgical inpatient departments of the city hospitals is 1.2%.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. An employed man was temporary disabled to work for 6 months over a hip
fracture. Who has given permission to prolong the sick leave for the last 2 months?
5. A woman was issued a sick leave for the care of the sick 65-year-old mother
who was under outpatient treatment. What is the maximum term of a sick leave
that a family doctor can issue by himself?

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Variant № 44

Station «4»

During the year, 1,200 patients were discharged from the neurological inpatient department of a city hospital. 60 patients died at the department, and 30 patients were transferred to other departments. An average hospital mortality (lethality) rate at neurological inpatient departments of the city hospitals is 9%.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. Can the Medical and Social Expert Committee define the invalidity (disability) group to a child?
5. What is the procedure for issuing a sick leave by the doctor in charge to a patient who was under inpatient treatment over a left-sided lower pelvic pneumonia for 21 days?

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Variant № 45

Station «4»

The number of visits to doctors of the district medical care facilities during the year was 576,000. The number of population of the district is 67,000 (regional index – 11.3 visits per an inhabitant).

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. Who makes the decision on the need to provide disabled people (invalids) with automobile transport?
5. Does an otolaryngologist have the right to issue a sick leave to a patient with an acute right-sided otitis media who is currently on annual leave?

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Variant № 46

Station «4»

The average annual number of population in the district is 1,254,000, during the
current year 12,560 children were born, and 15,554 people died.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. A family physician preliminary diagnosed dysentery in a patient. What
document should the doctor fill in?
5. 25-year-old man, a mechanic, fractured his arm in domestic conditions. What is
the procedure of arranging his temporary disability to work?

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Variant № 47

Station «4»

The average annual number of population in the city is 120,300, during the current year 1,255 people died, including 754 people died from blood circulatory system diseases.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. A 50-year-old man was under outpatient treatment at a rural ambulatory clinic over pneumonia. He didn't recover, and the disease was complicated with exudative pleuritis. What medical care facility should the patient be referred to for further aid?
5. An employed woman's 5-year-old child fell ill. A paediatrician of children's polyclinic diagnosed pneumonia and prescribed out-patient treatment to a child. What is the maximum term of a sick leave for care of a sick child that a paediatrician of children's polyclinic has the right to issue?

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Variant № 48

Station «4»

1,250 children were born alive during the current year, 1,075 children – during the previous year. 9 children under the age of 1 year old died during the current year, 7 children died during the previous year.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. The head of inpatient pulmonology department decided to monitor how the doctors perform medical and technological standards when providing medical care. What documents should be checked for this purpose?
5. A man on his way to work sprained the right leg. During the visit to a surgeon of a polyclinic the man was diagnosed with rupture of ankle joint ligaments. He was under outpatient treatment for 18 days. How should temporary disability be arranged in this case?

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Variant № 49

Station «4»

The number of women of fertile age (15-49 years old) in a city is 48,265. 64
children were born alive during the recording period.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. An employed woman's 1.5-year-old child was sick for 18 days. How should temporary disability concerning care of a sick child be arranged?
5. The analysis of infant mortality rate in a town showed that in the neonatal period die 54% of children from the total number of children died during the first year of life. Define the type of children mortality in this town.

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Variant № 50

Station «4»

There is a machine-building plant in the region. The average annual number of employees is 7,200. There were 6,100 cases of diseases among the workers.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. A district paediatrician has to analyse infant mortality. Based on which medical documents can this analysis be conducted?
5. A worker over a disease was temporary disabled to work during 18 days. He was under outpatient treatment. His family doctor issued a sick leave at first for 5 days, and then prolonged it to 10 days. What is the further procedure of prolongation the sick leave for this patient?

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Head of organizational methodological
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_____ Volodymyr YUSKAEV
_____ 2020p.

EXAMINATION TASK

State certification at the education qualification level «specialist»
in the specialty 7.12010001 «General medicine»

Discipline «Hygiene, Social Medicine, Organization and Economics of Health
Protection»

Variant № 51

Station «4»

The average annual number of population in the district is 1,254,000. The number of first registered cases of diseases is 903,500 during the reporting year.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. A rural woman delivered a child at home without medical assistance. She called a doctor of a rural outpatient clinic. What document should the doctor issue to register the birth of the child?
5. A man died at home after having an extended illness over which he was under medical supervision at a district polyclinic. What document should be issued in this case?

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Medical Institute

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EXAMINATION TASK

State certification at the education qualification level «specialist»
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Discipline «Hygiene, Social Medicine, Organization and Economics of Health
Protection»

Variant № 52

Station «4»

The average annual number of population in the district is 1,254,000. The number of all registered cases of diseases was 1,450,500 in the reporting year.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. A woman bore a dead child at the 32nd week of pregnancy in a maternity hospital. Based on which document must the case of stillbirth be registered?
5. A worker was under inpatient treatment in hospital over pneumonia during 16 days. What is the procedure for issuing a sick leave by a doctor of the inpatient department of a hospital in this case?

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Protection»

Variant № 53

Station «4»

The average annual number of population in the district is 1,254,000, during the current year 17,560 children were born, and 10,554 people died.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. At the maternal hospital 616 children were born during the year, 1 child was born dead, one child died on 5th day of life. With a help of what rate (index) is it possible to evaluate this situation most accurately?
5. A man got tuberculosis last year in September. What is the maximum term of a sick leave that can be issued to the patient?

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Variant № 54

Station «4»

At the end of April 2020, the number of registered patients in Ukraine for COVID-19 is 9,009; the number of deaths is 202. Mortality in Italy, Spain, and Belgium is 10.25 %; 13.47 %; 15.43 % respectively.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. When having medical examination at Medical and Social Expert Commission, the patient was recognized as invalid. What is the date to close a sick leave in this case?
5. A woman was discharged from the hospital with a live infant, born at 29 weeks of pregnancy. What is the term of a sick leave concerning pregnancy and childbirth that should be issued to the woman?

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Protection»

Variant № 55

Station «4»

The average annual number of population in the city is 130,525. During the current year 1,260 people died, including the number of deaths from neoplasms - 145.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. During medical examination of the population, chronic diseases, various pathological conditions, and abnormalities were detected and registered. What kind of morbidity was studied in this case?
5. A district doctor has to analyze morbidity in his district. What kind of morbidity defines a group of patients with long and frequent illnesses?

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Protection»

Variant № 56

Station «4»

The average annual number of population in the district is 10,082. 125 children were born alive during the current year, 107 children – during the previous year. 2 children under the age of 1 year died during the current year, 1 child died during the previous year.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
- 4 What medical document a doctor has to fill in if a patient was diagnosed with malignant tumour for the first time in his life?
- 5 Who evaluates the outcomes on the first stage of medical care quality control?

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Protection»

Variant № 57

Station «4»

There is a chemical enterprise in the region. All the diseases among the workers
were: in cases – 1,000, in days – 5,000.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. A family physician preliminary diagnosed diphtheria in a patient. What document should the doctor fill in additionally?
5. A 38-year-old patient, a worker of a plant, was under outpatient treatment over influenza during 9 days. What is the procedure of arranging his temporary disability to work?

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Protection»

Variant № 58

Station «4»

In the city the number of women of fertility age (15-49 years) is 48 265. 64
children were born alive during the reporting period.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. Children birth registration is carried out at the place of parents' residence or at the place of residence of one of them. What is the main document that should be submitted to the Civil Registry Office for registration of a child birth?
5. A woman's 12-year-old daughter was ill during 16 days. What is the correct procedure for issuing a document on temporary disability to work because of taking care of the sick child to the mother?

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Protection»

Variant № 59

Station «4»

The average annual number of population in the district is 1,254,000. The number of first registered cases of diseases during the year is 903,500.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. What recording document a doctor has to fill in to register the case of infant's death at 0 – 6 days (168 hours) of life?
5. In a rural medical centre the cervical cancer morbidity is increasing. It was decided to conduct medical examination of women. What type of medical examinations will be used in this case?

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Discipline «Hygiene, Social Medicine, Organization and Economics of Health
Protection»

Variant № 60

Station «4»

The average annual number of population in the district is 1,254,000. The number of all registered cases of diseases during the reporting year is 1,450,500.

1. Conduct processing of statistical and medical information.
2. Determine the sources of the information used in the case task.
3. Analyse the situation being studied.
4. A man when applying for a job underwent medical examination. He was recognized as able to work in those working conditions. What type of medical examination did the worker undergo?
5. A medical nurse was under medical supervision at a women's health clinic concerning pregnancy. She had normal delivery at term. What is the term of the woman's sick leave over pregnancy and delivery?

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