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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 «3»

1. What does total mortality mean?
2. What does primary morbidity (incidence) mean?
3. What types of disability exist?
4. What are the main (basic) models of healthcare systems?
5. What does licensing mean?

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Variant № 2

Station «3»

1. What does infant mortality mean?
2. What does total morbidity mean?
3. What does primary disability (invalidity) mean?
4. How is bed occupancy calculated?
5. What does accreditation mean?

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Variant № 3

Station «3»

1. What does demographic burden mean?
2. What does pathological affection mean?
3. How is bed turnover calculated?
4. What does standardization in healthcare system mean?
5. From what resources is the state healthcare system financed?

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Variant № 4

Station «3»

1. What data is needed to calculate the fertility rate?
2. What does hospital mortality (lethality) mean?
3. What levels of prophylaxis do you know?
4. What is primary disability of working-able population?
5. What is correlation coefficient?

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Variant № 5

Station «3»

1. What sub-periods are included in perinatal period?
2. What data is required to calculate primary morbidity (incidence)?
3. How is the phenomenon structure calculated?
4. Name the differences between management and administration.
5. What documents evidence temporary disability of a person?

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Variant № 6

Station «3»

1. What is antenatal period?
2. How is the average value calculated?
3. What document evidence a live birth?
4. What level of prophylaxis does vaccination belong to?
5. What are the disadvantages of private (market) health care system?

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Variant № 7

Station «3»

1. Give the definition of health, determined by WHO.
2. What does maternal mortality mean?
3. What basis is used to record morbidity rate in Ukraine?
4. What average number of visits to obstetrician-gynaecologist a pregnant woman should take before labour and delivery?
5. What does accreditation mean?

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Variant № 8

Station «3»

1. How many types of age structure of population exist?
2. What does life expectancy mean?
3. What data are required to calculate primary invalidity of adult population?
4. What is international diseases classification?
5. What are the sources of financing the healthcare insurance system?

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Variant № 9

Station «3»

1. What is early neonatal period?
2. Give the definition of extensive index essence.
3. What is primary medical and sanitary aid?
4. Enumerate the advantages of state healthcare system.
5. What types of human disability exist?

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Variant № 10

Station «3»

1. What is mode (Mo)?
2. Which documents are used to certify death of a person?
3. What does total morbidity rate characterize?
4. How many disability groups exist in Ukraine?
5. What is reproductive health?

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Variant № 11

Station «3»

1. What are the main directions (areas) of demography?
2. What document is used for statistical processing of morbidity?
3. Enumerate groups of factors that influence the population health state.
4. How many times should a pregnant woman visit a physician (therapist)?
5. Enumerate the medical care quality parameters.

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Variant № 12

Station «3»

1. What is natural growth of population?
2. What is the aim of primary prophylaxis?
3. Name diseases that take 3 first places of population disability structure.
4. What is strategic management in healthcare system?
5. What markets exist in healthcare system?

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Variant № 13

Station «3»

1. What is intensity index (indicator)?
2. What are the main classes of diseases in primary morbidity of Ukrainian population?
3. Name the main causes of infant mortality.
4. Which types of disabled rehabilitation exist?
5. What is the name of the main management (administrative) document (act) in healthcare system?

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Variant № 14

Station «3»

1. What is regressive type of population age structure?
2. Indicate a low level of infant mortality rate.
3. What is primary invalidity (disability) of child population?
4. What are the main functions of women's health clinic?
5. What is the definition of "medical services"?

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Variant № 15

Station «3»

1. What indexes can be shown with a line diagram?
2. Name the types of infant mortality.
3. Where is examination to identify temporary disability taken?
4. What is marketing in health care?
5. Enumerate the structural components of medical care quality according to the Donabedian model.

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Variant № 16

Station «3»

1. What are the main sources of statistical information?
2. What does perinatal mortality include?
3. Give a definition of "Medical care quality standard".
4. What data is needed to calculate the average duration of patient's stay in hospital bed?
5. What types of human disability exist?

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Variant № 17

Station «3»

1. Enumerate the methods of collecting medical and statistical information.
2. Give a definition of "maternal mortality".
- 3 What are the main mechanisms for ensuring quality of medical care?
4. What data is needed to calculate the average annual hospital bed occupancy rate?
5. Enumerate the types of medical examinations.

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Variant № 18

Station «3»

1. What types of relative values are used to assess the performance of healthcare facilities?
2. Define the concept of "depopulation".
3. What methods of collecting information for studying the morbidity of population exist?
4. Enumerate the models of health care quality management.
5. What health care institutions have the right to issue certificates of temporary disability (sick leaves)?

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Variant № 19

Station «3»

1. For the calculation of which data are the ratio indices used?
2. What is specific of the regressive type of the age structure of population?
3. Define the concept of "indicator of medical care quality".
4. When is a sick leave over pregnancy and childbirth issued?
5. Who doesn't have the right to issue sick leaves (certificates of temporary disability)?

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Variant № 20

Station «3»

1. What relative values can be used to compare phenomena studied in dynamics?
2. What is specific for the stationary type of the age structure of the population?
3. What is the algorithm for making managerial decisions in medical care institutions?
4. What are the main tasks of the women's health clinic?
5. What is the basis of a sick leave payment?

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Variant № 21

Station «3»

1. For what purpose are radial diagrams used?
2. What is secondary prevention of diseases?
3. Define the concept of "internal (clinical) audit".
4. Maternal mortality, its main causes.
5. What are the main causes of persistent disability of population?

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Variant № 22

Station «3»

1. What is the standardization method?
2. What is disease prevention?
3. What types of control are there in the system of medical care quality management?
4. What are the basic medical recording and reporting documents of the women's health clinic?
5. What are the main functions of the Medical Advisory Commission?

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Variant № 23

Station «3»

1. What relative values are used to calculate the primary morbidity structure?
2. What are the sources of information to study the morbidity of infectious diseases?
3. What are the advantages of the Semashko healthcare system?
4. Define the concept of "reproductive health" of the population.
5. What is the intranatal period?

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Variant № 24

Station «3»

1. What relative values are used to calculate the prevalence of diseases in the population?
2. What does the natural movement of the population include?
3. Name the levels of medical care.
4. Indicate the frequency of examinations of a pregnant woman by obstetrician-gynaecologist.
5. What is hospital mortality (lethality)?

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Variant № 25

Station «3»

1. What kind of graphical image is used to display the intensive indicator?
2. What are the sources of information to study hospitalized morbidity?
3. Which doctors provide medical care at the primary level?
4. What is the essence of the anti-epidemic activities of the children's polyclinic?
5. What types of Medical and Social Expert Commissions exist?

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Variant № 26

Station «3»

1. What are the stages of a statistical study?
2. What are the peculiarities of recording important non-epidemic morbidity?
3. Enumerate the main tasks of the polyclinic.
4. What measures in the work of a paediatrician are related to primary prevention of diseases?
5. What is rehabilitation?

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Variant № 27

Station «3»

1. What types of statistical studies exist?
2. Define the concept of "pathological affection" of the population.
3. How is the coverage of doctors' posts in a polyclinic calculated?
4. What is the "health index" of children of a certain age category?
5. What is the primary invalidity of the population?

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Variant № 28

Station «3»

1. What are the leading groups of factors that influence the population health indicators?
2. What is the fertility rate?
3. What are the main tasks of the inpatient department of the city hospital?
4. What is postoperative mortality (lethality)?
5. How many disability (invalidity) groups are there in Ukraine?

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Variant № 29

Station «3»

1. What are correlation-regression analysis of statistical data in medicine used for?
2. What factors of influence on health of the population belong to the exogenous controlled ones?
3. What is the methodology of determining total birth rate?
4. How is the capacity of a hospital determined?
5. What models of healthcare systems exist?

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Variant № 30

Station «3»

1. What does the concept of "public health" include?
2. What are the sources to study the natural movement indicators of the population?
3. What is the indicator of the population's provision with inpatient care?
4. Enumerate the models of financing healthcare systems.
5. Give the definition of "disease prevalence".

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Variant № 31

Station «3»

1. What are relative values?
2. What is health?
3. What disability groups exist?
4. Enumerate the components of medical care quality.
5. How is maternal mortality rate calculated?

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Variant № 32

Station «3»

1. What's a normal sample?
2. Enumerate the major morbidity types.
3. Describe the second stage of medical care for women and children.
4. Give the definition of “infant mortality”.
5. What is the market model of healthcare system? For which country is it typical?

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Variant № 33

Station «3»

1. What is a statistical aggregate (population)?
2. What is neonatal mortality?
3. Enumerate the types of preventive medical examinations.
4. What is a working capacity expert examination?
5. What types of health care quality control exist?

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Variant № 34

Station «3»

1. What is dynamic line?
2. What are the basic functions of the Child's Health Room?
3. What are the main causes of invalidity in Ukraine?
4. How is the primary morbidity (incidence) calculated?
5. Enumerate the management models.

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Variant № 35

Station «3»

1. What methods can be used to form a sample statistical population?
2. How is the type of infant mortality calculated?
3. How is the coverage of doctors' posts in a medical care facility calculated?
4. What is secondary prevention?
5. What is clinical audit?

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Variant № 36

Station «3»

1. How can the results of any research be visualized?
2. What is specific for the progressive type of age structure of the population?
3. What are the stages of medical care for women and children in Ukraine?
4. What is postoperative mortality (lethality)?
5. Describe the primary level of medical care in Ukraine.

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Variant № 37

Station «3»

1. What is the algorithm for conducting statistical research?
2. How is the total mortality rate calculated?
3. What is the number of visits to a paediatrician during the first year of child's life?
4. What are the main functions of Medical and Social Expert Commission?
5. What is the purpose of preliminary medical preventive examinations?

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Variant № 38

Station «3»

1. What are non-parametric research methods?
2. What are the main groups of factors that influence health?
3. What medical documents should an obstetrician-gynaecologist fill in when a woman is registered as pregnant?
4. What is licensing?
5. What are the disadvantages of the Semashko healthcare system?

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Variant № 39

Station «3»

1. What average values do you know?
2. How primary morbidity (incidence) is calculated?
3. What is the maximum term of a sick leave that a doctor can issue by himself (independently)?
4. What are the indicators of medical care quality according to the Donabedian model?
5. What is the algorithm of making managerial decision?

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Variant № 40

Station «3»

1. What is perinatal mortality?
2. Enumerate the members of Medical Advisory Commission.
3. What medical records should a doctor fill in when diagnosing infectious disease?
4. What is accreditation?
5. What are the main models of healthcare system in the world? Give examples of countries where they are used.

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Variant № 41

Station «3»

1. What is an abnormal sample?
2. How is the fertility rate calculated?
3. Which disability groups can children have?
4. What is the quality of medical care?
5. What is rehabilitation?

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Variant № 42

Station «3»

1. What is the visualization indicator?
2. Which doctors provide medical care to women and children in Ukraine on the third stage of medical care?
3. What are the main characteristics of the medical care quality?
4. How is the morbidity structure calculated?
5. What are the main types of rehabilitation?

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Variant № 43

Station «3»

1. What is a statistical study?
2. What exogenous and endogenous risk factors influencing health do you know?
3. How is the stillbirth rate calculated?
4. What is prophylaxis?
5. What is standardization?

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Variant № 44

Station «3»

1. What indicators are used to assess variation of the feature?
2. What is typical for the stationary type of the age structure of the population?
3. What is turnover of bed?
4. Describe the second group of invalidity.
5. What is certification?

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Variant № 45

Station «3»

1. What is the difference between absolute and relative values?
2. What is B type of infant mortality?
3. What is the paediatrician's anti-epidemic work (activity)?
4. What records should be analysed when assessing the work of hospital inpatient departments?
5. What are the functions of the management process?

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Variant № 46

Station «3»

1. Define the concept “extensive indicator”. How is it calculated?
2. What is demographic burden?
3. What is maternal mortality?
4. What is primary prevention (prophylaxis)?
5. Define the concept of “palliative care”.

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Variant № 47

Station «3»

1. Define the concept of “intensive indicator”. How is it calculated?
2. What is specific for the regressive type of age structure of the population?
3. What are the main reasons of maternal mortality?
4. According to what documents is the infectious morbidity of population studied?
5. What methods of hygienic education do you know?

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Variant № 48

Station «3»

1. Define the concept of “ratio index”. How is it calculated?
2. What is specific for the progressive type of age structure of the population?
3. Indicate the main causes of infant mortality in Ukraine.
4. What are the medical indicators characterizing health of the population?
5. What healthcare systems do you know?

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Variant № 49

Station «3»

1. Define the concept of “visualization indicator”.
2. What is specific for the stationary type of age structure of the population?
3. How is perinatal mortality calculated?
4. What is target medical examination?
5. What is efficiency?

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Variant № 50

Station «3»

1. What diagrams should be used to show the structure of total morbidity?
2. What types of age structure of the population exist?
3. Indicate the main causes of infant mortality in Ukraine.
4. What is periodic medical examination?
5. What is effectiveness?

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Variant № 51

Station «3»

1. What is the essence of standardization method?
2. According to what documents is the mortality rate of population studied?
3. How many types of infant mortality exist?
4. What is preliminary medical examination?
5. Planning as a management function.

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Variant № 52

Station «3»

1. What is dynamic analysis?
2. What document is issued at birth?
3. What health indicators characterize the health of the population?
4. What doctors provide the tertiary level of health care in Ukraine?
5. Control as a function of management.

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Variant № 53

Station «3»

1. What are the stages of statistical research?
2. Describe A-type of infant mortality.
3. What are the risk factors that affect the public health?
4. What doctors provide the secondary level of health care in Ukraine?
5. Describe “leading” as a management function.

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Variant № 54

Station «3»

1. Student's t-test. Describe the essence of the method.
2. What is natural movement of population?
3. Describe B-type of infant mortality.
4. What doctors provide primary medical care in Ukraine?
5. Describe “organizing” as a management function.

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Variant № 55

Station «3»

1. Dynamic analysis and forecasting.
2. What is mechanical movement of the population?
3. Describe B-type of infant mortality.
4. What are the main levels of health care in Ukraine?
5. Standardization in health care.

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Variant № 56

Station «3»

1. What is correlation-regression analysis?
2. How is a special index of birth rate calculated?
3. What are the main sources of information when studying morbidity?
4. What are the basic functions of Medical Expert Commission?
5. Who evaluates final result on the first level of medical care quality control?

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Variant № 57

Station «3»

1. What is Mode?
2. How is prenatal mortality calculated?
3. How is lethality (mortality) calculated?
4. What types of Medical and Social Expert Commissions do you know?
5. Who evaluates the final result on the second stage of medical care quality control?

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Variant № 58

Station «3»

1. What is median?
2. How is general index of mortality calculated?
3. What are the basic methods of studying morbidity?
4. Enumerate the members of Medical Advisory Commission.
5. What healthcare systems do you know?

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Variant № 59

Station «3»

1. How is amplitude calculated?
2. How are special indices of mortality calculated?
3. What types of medical examinations do you know?
4. Enumerate the members of Medical and Social Expert Commission.
5. What is the quality of medical care?

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Variant № 60

Station «3»

1. What is biostatistics?
2. Structure of mortality in Ukraine.
3. What types of morbidity do you know?
4. What are the main causes of disability (invalidity) in Ukraine?
5. Define the concept of «health promotion».

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