



МЕДИЦИНСКИ УНИВЕРСИТЕТ – ПЛЕВЕН

ФАКУЛТЕТ „ОБЩЕСТВЕНО ЗДРАВЕ” – ЦЕНТЪР ЗА ДИСТАНЦИОННО ОБУЧЕНИЕ

КАТЕДРА “ОБЩЕСТВЕНОЗДРАВНИ НАУКИ”

PRACTICAL TASKS DAY №2

DISCIPLINE

SOCIAL MEDICINE INTERNSHIP

TOPIC:

„DEMOGRAPHY”

6-TH YEAR MEDICAL STUDENTS AT MEDICAL UNIVERSITY-PLEVEN

■ SPECIALTY „MEDICINE” ■

PLEVEN

2020

AVAILABLE STATISTICAL DATA FOR PLEVEN REGION 2017

- The region of Pleven had a population of 259 363 in 2017 distributed among age groups as follow:
 - 0-14 – 34 501;
 - 5-64 – 162 733;
 - over 65 years of age – 62 129.
- During the year 2 154 livebirths occurred and 50 stillbirths were registered.
- 9 of livebirths died during the neonatal period
- 6 more died before reaching 1 year of age.
- Women at reproductive age are 57 830.
- Total fertility rate is 1,52.
- Total number of deaths during the period under study was 4 506.
- 3000 of deaths were due to diseases of circulatory system.

1. Define the age structure of the population
2. Define the Aging index (AI) and comment the result.
3. Calculate Crude birth rate and assess it.
4. Calculate General fertility rate.
5. Define the type of population reproduction.
6. Calculate Crude death rate and assess it.
7. Calculate proportional mortality of diseases of circulatory system.
8. Calculate Infant mortality rate and assess it.
9. Calculate perinatal mortality.
10. Range three important problems of demographic situation in the region and suggest measures to overcome them.

Prepared by:
Assist. Prof. Dr. Dima Tsanova, MD, PhD