

QP CODE	2083578125
---------	------------

Reg.No:

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

DMI-ST. EUGENE UNIVERSITY
DEGREE EXAMINATION – DECEMBER – 2022

SEM: VIII
Time: 3 Hours

357 FP 81 PUBLIC HEALTH NUTRITION

Max. Marks: 100

Answer any Five questions (5 x 20 = 100 Marks)

1. a) Discuss the evolution and importance of public health. (10 Marks)
b) You are working as a nutritionist at Chipata Level 1 Hospital. You receive a 4-year-old Down syndrome child with severe acute malnutrition and diarrhea from Bauleni. The child is a sixth born in a family of seven who all live in a one-bedroom house and drink water from a borehole. The father is a security guard while the mother sells vegetables at a nearby market. Identify the risk factors for the child's condition in this case. (5 Marks)
c) You are working at Chibombo District Health Office as a Nutritionist. The District Health Director asks you to conduct a community survey and diagnosis to determine the health status of the population. What measurements would you consider in your survey? (5 Marks)
2. a) Define Public Health Surveillance and explain its importance. (10 Marks)
b) List and explain examples of economic determinants of health. (10 Marks)
3. a) Discuss the epidemiological triad of disease. (10 Marks)
b) Classify and briefly explain the models of causes for such cases. (10 Marks)
4. a) Define household water treatment and explain how this household in Mungule can treat their water. (10 Marks)
b) Briefly explain how the water could have been contaminated in Mungule area to cause an epidemic of disease in the area. (10 Marks)
5. a) Discuss the vitamin and mineral deficiencies in this child. (10 Marks)
b) Discuss how you would monitor this child's growth. (10 Marks)

6. a) Discuss the different types of diarrheas. **(10 Marks)**

b) Outline the principles of managing this child's condition. **(10 Marks)**

7. a) Discuss the relationship between incidence and prevalence. **(10 Marks)**

b) Discuss the other terms commonly used to describe different aspects of public health.

(10 Marks)