



**AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF MEDICAL SCIENCES
DEPARTMENT OF NURSING AND MIDWIFERY SCIENCES
KENYA REGISTERED COMMUNITY HEALTH NURSING
END OF SEMESTER EXAMINATIONS APRIL 2023**

DNS 117: COMMUNITY HEALTH I

DATE: THURSDAY 6TH APRIL 2023

TIME: 2 Hours

Start: 1400 HOURS

Finish: 1600 HOURS

INSTRUCTIONS

- 1. This exam will be marked out of 70 Marks**
- 2. ALL Questions are compulsory.**
- 3. The Examination has Three Sections: Section I- Multiple Choice Questions, Section II: Short Answer Questions, Section III: Long Essay Questions**
- 4. Answer all Questions in the ANSWER BOOKLET provided**
- 5. Do Not write anything on the question paper -use the back of your booklet for rough work if need be.**

SECTION I: MULTIPLE CHOICE QUESTIONS (20 MARKS)

1. Disease refers to:-
 - A. Failure of the human body to adapt to demands of the physical environment.
 - B. A Subjective feeling of being unhealthy.
 - C. The general feeling of wellness and subjective perception of vitality
 - D. Infrimity and Suffering from affliction with a physical illness.

2. Modifiable risk factors for disease include:-
 - A. Age, Gender.
 - B. Obesity, Nutritional status.
 - C. Acquired immune deficiency, environmental pollution.
 - D. Marital status, occupation.

3. Components of the biological environment include:-
 - A. Prokaryotes, Eukaryotes
 - B. Air, Water.
 - C. Viruses, climate.
 - D. Noise, heat.

4. Underground water sources include:-
 - A. Rain,
 - B. Rivers,
 - C. Boreholes.
 - D. Shallow wells

5. Schistosomiasis and Malaria are examples of:-
 - A. Water-borne Diseases
 - B. Water-washed Diseases
 - C. Water-related Diseases
 - D. Water-based Diseases

6. An example of hot treatment method of food preservation is:
 - A. Pickling
 - B. Fermentation
 - C. Freezing
 - D. Canning

7. An activity of tertiary prevention of disease is:-
- A. Screening.
 - B. Immunization
 - C. Health education
 - D. Rehabilitation
8. Non-communicable diseases include:-
- A. Diabetes mellitus, Cancer.
 - B. Cholera, Tuberculosis.
 - C. Tuberculosis, Hypertension.
 - D. Meningitis, HIV/AIDS.
9. Health messages to post natal mothers in after delivery and before discharge from hospital on the importance of recommended childhood immunizations an example of:-
- A. Primordial prevention.
 - B. Primary prevention.
 - C. Secondary prevention.
 - D. Tertiary prevention.
10. Health as a component of Community Health Nursing is addressed under Sustainable Development Goal (SDG):-
- A. 1
 - B. 2
 - C. 3
 - D. 4
11. A disease transmitted through a direct method of transmission includes:-
- A. Cholera
 - B. Malaria
 - C. COVID-19
 - D. Schistosomiasis
12. Mechanical vectors include:
- A. House flies, Mosquitos.
 - B. Tsetse fly, Coprophagic Beetle.
 - C. House fly, Cockroaches.
 - D. Coprophagic Beetle, Mosquito.

13. Biological quality of water is assessed by examining: -
- A. Turbidity.
 - B. pH
 - C. Fecal Coliform Count.
 - D. Radionuclides.
14. The chemical that is used to achieve rippling during water treatment is:-
- A. Soda ash (Na_2CO_3)
 - B. Alum (Al_2SO_4)
 - C. FeCl_2
 - D. H_2S .
15. The best method to dispose of hospital waste is: -
- A. Burning.
 - B. Compositing.
 - C. Incineration.
 - D. Controlled tipping
16. A food vendor who adds a nonessential component to a food item guilty of: -
- A. Contamination
 - B. Misbranding
 - C. Adulteration
 - D. Mishandling
17. Individual approaches to health education include:-
- A. Home visits.
 - B. Lectures.
 - C. Group discussions.
 - D. Symposiums.
18. The practice of public health in Kenya is regulated by:-
- A. CAP 254
 - B. CAP 242
 - C. CAP 316
 - D. CAP 254

19. Host factors in the infectious disease model include:-

- A. Virulence, Infectious dose
- B. Genetic makeup, Age
- C. Altitude, Humidity
- D. Residence, Access to health care

20. A factor that reduces the chance of occurrence of a disease in an individual is:-

- A. Risk marker.
- B. Risk factor.
- C. Risk protector.
- D. Risk amplifier.

SECTION II: SHORT ANSWER QUESTIONS (30 MARKS)

1. Outline Six (6) ways of preventing food contamination in the community (6 Marks)
2. Outline six (6) principles guiding home visiting (6 Marks)
3. State six (6) factors that contribute to reduced water access in a community (6 Marks)
4. State six (6) functions of a community (6 Marks)
5. State six (6) ways of controlling rodents in the home (6 Marks)

SECTION III: LONG ANSWER QUESTION (20 MARKS)

1. You have been invited to talk to new nurses who are enthusiastic about community health nursing. Describe the specific information will you share with the nurses on the following topics:
 - a. Characteristics of community health nursing (8 Marks.)
 - b. Role of community health nursing (8 Marks)
 - c. Barriers to community health nursing (4 Marks)