



**AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF MEDICAL SCIENCES
DEPARTMENT OF NURSING & MIDWIFERY SCIENCES
KENYA REGISTERED COMMUNITY HEALTH NURSING
SUPPLEMENTARY/SPECIAL EXAMINATION**

COURSE CODE AND TITLE: DNS 117 COMMUNITY HEALTH I

DATE: 2ND AUGUST 2023 TIME: 2 HOURS START: 2:00 P.M. FINISH: 4:00 P.M.

INSTRUCTIONS

1. This exam is out of 70 marks
2. This Examination comprises THREE Sections. Section I: Multiple Choice Questions, Section II: Short Answer Questions and Section III: Long Answer Question
3. Answer ALL Questions.

SECTION I: MULTIPLE CHOICE QUESTIONS

(20 MARKS)

1. Disease refers to:-
 - A. Failure of the human body to adapt to changes imposed on it by the environment.
 - B. Subjective feeling of being unhealthy.
 - C. Subjective perception of vitality
 - D. Suffering from or affected 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. The following constitute an underground water source: -
 - A. Rain,
 - B. Rivers,
 - C. Boreholes.
 - D. Shallow wells
5. During community outreach program, the nurse recognizes that 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. The nurse is teaching children post-natal mothers about the need for the children receiving recommended childhood immunizations. This intervention is 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 direct methods of disease transmission include: -
 - A. Vehicle-borne
 - B. Fomite-borne
 - C. Droplet infection
 - D. Vector-borne
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. Composting.
 - C. Incineration.
 - D. Controlled tipping
16. A food vendor who adds a nonessential component to a food item is guilty of: -
- A. Contamination
 - B. Misbranding
 - C. Adulteration
 - D. Mishandling
17. Individual approaches to health education includes: -
- 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 257
19. Host factors in the infectious disease model include: -
- A. Virulence, Infectious dose
 - B. Genetic makeup, Age
 - C. Altitude, Humidity
 - D. Virulence, humidity

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

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- 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. What 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)