



**AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF MEDICAL SCIENCES
DEPARTMENT OF NURSING & MIDWIFERY SCIENCES
END OF SEMESTER EXAMINATIONS
BACHELOR OF SCIENCE NURSING**

COURSE CODE AND TITLE: BSN 312: COMMUNITY HEALTH NURSING II

DATE: 11-DECEMBER-2023

Duration: 2 HOURS

Start: 11:15AM

Finish: 1:15PM

INSTRUCTIONS

1. This exam is out of 70 marks
2. This Examination comprises THREE Sections. Section I: Multiple Choice Questions (20 marks) Section II: Short Answer Questions (30 marks) and Section III: Long Answer Questions (20 marks)
3. Answer ALL Questions.
4. 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. The rate of a disease in excess of the usual or expected frequency is referred to as:-
 - A. Pandemic
 - B. Epidemic
 - C. Endemic
 - D. Epidemiology
2. The rate of a disease in excess of the usual or expected frequency is referred to as:-
 - A. Pandemic
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3. The vector that transmits of Dracunculosis is: -
 - A. Sandflies
 - B. Black flies
 - C. Cyclops
 - D. Fleas
4. The method used in the control of communicable diseases through interrupting transmission is: -
 - A. Treatment
 - B. Better nutrition
 - C. Behaviour change
 - D. Reservoir control
5. The stage of Bancroftian filariasis in which the blood smear is positive of microfilariae is:-
 - A. Acute phase
 - B. Incubation period
 - C. Sub-acute phase
 - D. Chronic phase
6. The four counties in Kenya in which yellow fever vaccine is routinely administered as part of childhood immunization are: -
 - A. Baringo, Turkana, Siaya, Nairobi
 - B. Kakamega, Keiyo, Baringo, Marsabit
 - C. Eldoret, Marakwet, Koibatek, Busia
 - D. Baringo, Keiyo, Koibatek, Marakwet

7. A true statement concerning relapsing fever is: -
- A. It is caused by a fungus
 - B. Tick borne relapsing fever transmitted by hard ticks
 - C. The organism of tickborne are not transmitted to the offspring
 - D. Penicillins and erythromycin are drugs of choice
8. The communicable disease associated with intake of contaminated milk products is :-
- A. Brucellosis
 - B. Anthrax
 - C. Plague
 - D. Tetanus
9. Biomphalaria snail is a vector involved for the transmission of:-
- A. Schistosoma haematobium
 - B. Schistosoma mansoni
 - C. Schistosoma japonicum
 - D. Schistosoma bovis
10. Indicate true or false: -
- i. Trichuriasis manifests with pruritus ani
 - ii. Yellow fever is a viral disease spread through droplet infection
11. In the management of rabies an appropriate intervention is: -
- A. Suturing the wound immediately
 - B. Administer tetanus prophylaxis
 - C. Give Antifungal treatment as soon as possible
 - D. Observe biting animal for three days if available
12. The vector wrongly matched with the disease it causes is: -
- A. Snail - trypanosomiasis
 - B. Mosquito- Yellow fever
 - C. Mites -scabies
 - D. Fleas- bubonic plague
13. The laws of Kenya under the public health Act Cap 242 dictates that food handlers should be: -
- A. Medically examined every 6 months
 - B. Medically examined every 3 months
 - C. Medically examined every 8-12 months
 - D. Medically examined once a year
14. Severe Acute Respiratory Syndrome: -
- A. Is transmitted mainly by poultry
 - B. Virus can also be isolated from a stool sample
 - C. Patients require reverse barrier nursing
 - D. Is characterized by a fever of gradual onset

15. The recommended solid waste management method for hospital waste is: -
- Burying
 - Incineration
 - Sanitary land filling
 - Compositing
16. Advantage of VIP latrines is that: -
- It enhances control of flies and odor
 - It enhances control of rodents only
 - It is easy to construct in sand areas
 - It requires excreta treatment thus safer.
17. The correctly matched food treatment with the description is: -
- Blanching- Kills all micro-organisms and their spores at above 100⁰C
 - Pasteurization- Slow heat treatment at below 100⁰C
 - Sterilization- Kills all bacteria first then sealed in sterile cans and bottles:
 - Canning- Vegetables –Heated at 70-100⁰C for 2-10 minutes
18. A true statement about Liquid waste disposal is: -
- The best method of excreta disposal in urban areas is a pit latrine
 - Pit latrines should be at least two metres respectively below the water table
 - Latrines should be located at least 6-10m away from the buildings
 - Wells should be located downstream to in relation to the pit latrine
19. The ability of a disease agent to cause severe diseases is described as: -
- Virulence
 - Pathogenicity
 - Infectivity
 - Antigenicity
20. The true statement about water treatment is: -
- Primary treatment is the first water treatment step
 - Water is allowed to undergo anaerobic reactions in the secondary phase\
 - Grit removal takes place in the tertiary step
 - Sedimentation occurs in the primary step

SECTION II: SHORT ANSWER QUESTIONS (30 MARKS)

- Differentiate between water washed and water-based diseases giving examples in each group (4 Marks)
- Describe the life cycle of *Echinococcus granulosus* (5 Marks)
- Explain three stages of trachoma Development (6 Marks)
- State five (5) preventive measures for rabies (5 Marks)
- Outline the advantages of a pit latrine compared to a flush toilet (5 Marks)
- Giving examples, state six (6) types of Occupational health Hazards that can be found in the hospital set up (5 Marks)

SECTION III: LONG ANSWER QUESTION – (20 MARKS)

1. An outbreak of measles has been reported in the area in which you serve as the community health nurse.
 - a. Outline five disease patterns that can occur (5 Marks)
 - b. Describe the steps that you will employ when conducting a disease outbreak investigation (15 Marks)

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