



**FINAL QUALIFYING EXAMINATION.  
DIPLOMA COMMUNITY HEALTH NURSING  
PAPER THREE (COMMUNITY HEALTH)**

**DATE: THURSDAY**

**22<sup>ND</sup> JUNE 2017**

**Time Allowed: 3 Hours**

**9:00am -12:00 Noon.**

**INSTRUCTIONS TO CANDIDATES:**

1. ENTER YOUR EXAMINATION NUMBER on the space provided on the examination answer booklet and **inside every page of the answer booklet.**
2. Enter QUESTION NUMBERS on the space provided in the examination answer book.
3. Confirm you have written the EXAM and QUESTION numbers correctly before handing in your booklet.
4. Omission of/ and or wrong numbering of a question or part of the question will result in 10% deduction of the marks scored from the relevant part.
5. Observe all the examination rules and regulations as stipulated in the college rules and regulations.
6. Follow any other instructions from the supervisor as may be necessary.
7. **Mobile phones are NOT allowed in the examination hall.**

**Part 1: Multiple Choice Questions (20Marks)**

1. **Conditions screened in school health programme include:**
  - a) Visual disturbance, Anaemia
  - b) Anaemia, Typhoid
  - c) Typhoid, Malaria
  - d) Visual disturbance, diabetes mellitus
2. **The statement that communicates the reason for existence of an organisation is a:**
  - a) Vision
  - b) Mission
  - c) Philosophy
  - d) Organisational structure
3. **Artificial immunity is achieved through:**
  - a) Infection
  - b) Immunisation
  - c) Breastfeeding
  - d) High immunisation coverage
4. **The following is a competitive procurement method:**
  - a) Low value procurement
  - b) Open tender
  - c) Risk purchase
  - d) Direct procurement
5. **The side effects of streptomycin include:**
  - a) Hepatitis, deafness, skin rash, tingling in the ear
  - b) Pellagra, nausea, red colouration of body fluids, ataxia
  - c) Dizziness, diarrhoea, vomiting, liver damage
  - d) Hearing strange voices, dizziness, ataxic gait, deafness
6. **A contraceptive method recommended for a client with a history of blood clotting disorders is ;**
  - a) combined oral pill
  - b) copper T 380A
  - c) Bilateral tubal ligation
  - d) Implants

7. **The ability of the organism to spread rapidly from one host to another is called:**
- Invasiveness
  - Virulence
  - Infectivity
  - Opportunistic
8. **Disposal of biomedical wastes segregated into containers/bags with a yellow coding include:**
- Autoclaving, deep burial
  - Chemical treatment, shredding
  - Microwaving, incineration
  - Incineration, deep burial
9. **Manmade disasters include:**
- Terrorists attacks, pollution, structural collapse
  - Fires, civil unrest, communicable disease epidemics
  - Toxic materials, avalanches accidents, conventional warfare
  - Transportation accidents, non-conventional warfare, blizzards
10. **Learning refers to:**
- Practice of teaching in an institution
  - Process of acquiring knowledge, skills and dispositions
  - Essential tool of communication
  - Making informal decisions
11. **The following is are ways of interrupting the route of transmission:**
- Chemoprophylaxis, personal hygiene
  - Isolation of cases, treatment of carriers
  - Personal hygiene, vector control
  - Environmental hygiene, isolation of cases
12. **Occupation health hazard can be prevented by:**
- Separating workers from dangerous machinery or poison
  - Health educating the community on protective devices
  - Special medical checkups in case of over exposure
  - Early retirement of worker

**13. Brucellosis is transmitted through;**

- a) Ingestion of contaminated vegetables and poultry
- b) Ingestion of half cooked poultry and meat for dead animals
- c) Ingestion of untreated milk and milk products
- d) Inhalation of Bacilli from sick and dead animals

**14. While calculating infant mortality rate, the correct formula is;**

- a)  $\frac{\text{Number of deaths of individuals in a year}}{\text{number of live births in the same year}} \times 1,000$
- b)  $\frac{\text{Number of death of infants in a year}}{\text{number of live births in the previous year}} \times 1,000$
- c)  $\frac{\text{Number of deaths of infants in a year}}{\text{number of live births in the same year}} \times 1,000$
- d)  $\frac{\text{Number of deaths of infants in a month}}{\text{number of births in the same year}} \times 1,000$ .

**15. A client with, burning sensation, itchy and foamy greenish yellow discharge in the vagina is diagnosed to have;**

- a) Gonorrhoea
- b) Trichomonas
- c) Candidiasis
- d) Bacterial vaginosis

**16. The following group of people are classified as socially handicapped;**

- a) Internally displaced, street children, sexually abused
- b) Epileptic, psychiatric cases, widowed
- c) Drug addicts, elderly, mongolism
- d) Obese, blind, deaf

**17. The management of poliomyelitis during pre-paralytic stage includes:**

- a) Administration of mild sedative, avoiding all injections, passive movements of the affected limb
- b) Absolute bed rest, administration of mild sedatives, passive movements of the affected limbs
- c) Immobilization of the affected limbs, absolute bed rest, avoidance of all then injections
- d) Passive movements of the affected limbs, absolute bed rest, isolation of the case

**18. State whether the following is True or False**

- i. For entry to clients' homes during home visiting, the nurse requires to go through the community's opinion leader.
- ii. One of the roles of the County Chief Nurse is to employ and deploy nurses within the county.

**19. Priority in management of cholera patients during an epidemic is**

- a) administration of tetracycline
- b) referral of patients to hospital
- c) administration of fluids and electrolytes
- d) administration of analgesics

**20. At the age of 12 months the baby's weight is ;**

- a) Double birth weight
- b) Three times birth weight
- c) Four times birth weight
- d) Five times birth weight

**Part 11: Short Answer Questions (40 Marks)**

1. Draw and label a diagram showing the life cycle of Leishmania. (5Marks)
2. State four(4) characteristics of a good community based health information system (4Marks)
3. Outline four (4) strategic objectives of Community strategy (4Marks)
4. Explain two (2) types of empowerment used in Health Promotion. (4Marks)
5. State five (5) challenges faced by the factory inspectorate (5Marks)
6. State Four (4) advantages of community participation in Primary Health Care (PHC) (4Marks)
7. Explain five (5) procurement methods used according to the government procurement and Disposal Act. (5Marks)
8. State four (4) limitations of natural family planning methods. (5Marks)
9. State four(4)sources of health care financing (4 Marks)

**Part11: Long Answer Question (40 Marks)**

1. **Among the roles of a Kenya Registered Community Health Nurse(KRCHN) is to carry out management functions**
  - a) Explain Three(3) functions of a manager (6Marks)
  - b) Describe the scientific approach in management (10Marks)
  - c) Outline two (4) Challenges experienced by a manager (4Marks)
2. **Master Gay was brought to the health facility with generalized severe itching on the skin folds and a diagnosis of scabies was made:**
  - a) Explain the epidemiology of scabies (6 Marks)
  - b) State Four(4) clinical picture that he may present with (4Marks)
  - c) Discuss the treatment, prevention and control of scabies (10 Marks)