

# KENYA METHODIST UNIVERSITY

## END OF SECOND TRIMESTER 2008 EXAMINATIONS

FACULTY : HEALTH SCIENCES  
DEPARTMENT : NURSING  
COURSE CODE : NRS 330  
COURSE TITLE : COMMUNITY HEALTH NURSING II  
TIME : 3 HOURS

---

*Instructions: Answer all the questions in the answer booklet provided*

### PART 1- MULTIPLE CHOICE QUESTIONS (10 MARK)

**For question 1-8 select the correct answer**

1. Epidemic prone diseases includes
  - A) typhoid fever, yellow fever, malaria
  - B) meningococcal meningitis, viral hemorrhagic fever
  - C) acute placid paralysis, leprosy
  - D) Tuberculosis, leprosy.
2. Indicate True or False for the following statements about the principles of epidemiology  
**(1/2 Mark Each Response)**
  - a) Provision of data necessary for planning and evaluating health care
  - b) Identification of determinants of disease so as to enable prevention
  - c) Evaluation of methods used to control diseases
  - d) Taking action**
3. A client suffering from trypanosomiasis will present with:
  - a) headache, anemia, joint pains and swollen tissues
  - b) blindness, diarrhea, acetone in the urine
  - c) Temperatures upto 41°C without headache
  - d) Profuse sweating and diarrhea
4. A client using oral contraceptive will have the following advantages except
  - a) Reduces ovarian and endometrial cancer by 50%
  - b) Protection continues for years after use.

- c) Regulates menstrual cycle and reduces cramps, menstrual blood loss, and associated anemia.
  - d) Protection against STI's
5. Types of Intra-Uterine Devices includes
- a. Estrogen and progestin minis, Levonorgestrel
  - b. paraguard, progestasert, Levonorgestrel,
  - c. Copper T 380A, Progestina
  - d. Cervical Cap, mirena
6. The measure most commonly used as an indicator of overall health and availability of health services is the
- a) crude death rate
  - b) case fatality rate
  - c) morbidity rate
  - d) infant mortality rate
7. which part of the immunological system suffers the greatest damage as a result of HIV infection
- a) dendritic cells
  - b) CD4 lymphocytes
  - c) Macrophages
  - d) Monocytes
8. Indicate True or False for the following statements about Epidemic/ outbreak **(1/2 Mark Each Response)**
- a) One case of suspected epidemic prone or disease targeted for elimination/ Eradication.
  - b) There is an unexplained increase of cases seen over a period of time in monthly summary reporting.
  - c) Occurrence of more cases of a disease than expected in a given area or among a specific group of people over particular period of time
  - d) The habitual presence of a disease within a given geographical area

## **PART II- SHORT ANSWER QUESTIONS (30 MARKS)**

1. define the following terms (2 marks each)
- i) Epidemiology

- ii) Natural history of disease
- iii) Infant mortality rate

2. Explain the features of Bamako Initiative Scheme (6 marks)
3. Explain the client oriented role of a community health nurse (6 marks)
- 4) Explain the Health-belief model as a model of disease prevention (6 marks)
- 5) Briefly explain the role of the district health management Board (DHMB (6 marks)

### **PART III- ESSAY QUESTIONS (40 MARKS)**

- 1) Describe the Strategies of Risk Reduction employed by a community health nurse (10 marks)
- 2) Three adults from the same village experienced an acute onset of abdominal cramps and diarrhea. Explain how you would carry out an investigation to determine whether it is an outbreak or not. (10 marks)
- 3) Explain any Five (5) benefits of Depo provera contraceptive injection (10 marks)
- 4) Discuss any five (5) functions of teaching and referral hospitals in Kenya (10 marks)