

**AMREF VIRTUAL TRAINING SCHOOL**

**COLLEGE FINAL EXAMINITION PAPER III**

**SEPTEMBER 2012 CLASS**

**WEDNESDAY 22ND OCTOBER 2014**

**TIME ALLOWED: 3 HOURS TIME: 9:00AM -12:00PM**

**INSTRUCTIONS TO CANDIDATES.**

**1. Read the questions carefully and answer only what is asked.**

**2. Enter YOUR ADMISSION NUMBER in all the answer sheets. The admission number should be written in figures NOT words.**

**3. All questions are compulsory.**

**4.For part I (MCQs), write your answers in the ruled paper provided .The answers should be written in CAPITAL LETTERS i.e. “A” but NOT “a”.**

**6. For part II (SAQs), answers to these questions should follow each other on the provided sheet of paper.**

**7. For part III (LAQs), answers to each question must be on a separate sheet of paper.**

**8. Omission of or wrong numbering of examination papers, questions or parts of the question will result in 10% deduction of the marks scored from the relevant part.**

**PART ONE: MULTIPLE CHOICE QUESTIONS 20 MARKS**

1. Auto infection is commonly seen in:-
   1. Trichuriasis
   2. Enterobiasis
   3. Ascariasis
   4. Schisotosomiasis
2. Examples of cestodes include:-
   1. *Hymenolepis nana, Taenia Saginata, Diphyllobothrium lata*
   2. *Necator americanas, Ankylostoma duodenale, Taenia solium*
   3. *Echinococcus granulosus, Brugia malayi, Wuchereria bancrofti*
   4. *Ankylostoma duodenale, Loaloa, Onchocerca volvulus*
3. Drug of choice for all Schistosomal species is :-
   1. Oxamniquine
   2. Metrifonate
   3. Praziquantel
   4. Niclosamide
4. A disease pandemic is one that:-
5. Few persons acquire over a short period of time
6. Is always present in a population
7. Occurs occasionally in a population
8. Affects many people
9. Symptoms in stage 2 of WHO clinical staging of HIV/AIDS for adults include:-
   1. Herpes zoster, seborrheic dermatitis
   2. Oral candidiasis, pulmonary TB
   3. Thrombocytopenia, pyomyositis
   4. Neutropenia, sinusitis
10. Immunization schedule for Rota virus vaccine is:-
    1. 2mls orally at 6 weeks and 10 weeks
    2. 1.5mls IM at 10 weeks and 14 weeks
    3. 2mls IM at 10 weeks and 14 weeks
    4. 1.5 mls orally at 6 weeks and 10 weeks
11. An example of a contraceptive method that fall in category 4 of the medical eligibility criteria include:-
    1. Combined oral contraceptives for women with thalassemia
    2. Implants for women with Systemic Lupus Erythematosus
    3. Progestine only contraceptives for women with sickle cell disease
    4. Intra Uterine Contraceptive Device for women with valvular heart disease
12. Normal developmental milestone for an infant aged 1 month include:-
    1. Grasp actively, makes loud voices
    2. Follow object with eyes, play with hands
    3. Lifts head when prone, often smiles
    4. Good head control, grasps actively
13. Angular stomatitis in children is as a result of deficiency in:-
    1. Vitamin B2
    2. Vitamin B12
    3. Calcium
    4. Thiamine
14. Malaria chemoprophylaxis with Mefloquine:-
    1. Is started 2-3 days before arrival in endemic area
    2. Can be given to infants less than 5 kilograms
    3. Is available as tablets of 274mg
    4. Can be given concomitantly with quinine
15. Gradual social change that occurs with very little or no human effort is referred to as;
    1. Evolution
    2. Reform
    3. Diffusion
    4. Revolution
16. Achieved status is:-
    1. Accomplished
    2. Family dependant
    3. Class defined
    4. Assumed at birth
17. A rural health unit is an administrative unit consisting of:-
    1. 50,000 to 70,000 people
    2. One or two schools
    3. At least five health centres
    4. A level 4 hospital as the head quarter
18. The following groups of people are classified as socially handicapped:
19. Displaced, Street children, sexually abused
20. Epileptic, psychiatric cases, widowed
21. Drug addicts, elderly, mongolism
22. Obese, blind, deaf
23. The types of authority are;
24. Informal and functional
25. Functional and open system
26. Authoritarian and democratic
27. Formal and functional
28. The purpose of organization structure is:-
29. Monitoring flow of communication
30. Reviewing the remuneration of the staff
31. Depicting interdepartmental relations
32. Planning and implementation
33. In functional nursing:-
34. Each nurse in a unit is assigned one or more nursing tasks for a number of patients or all patients in the ward.
35. The nurse is accountable for the total care of one or more patients for the period of her work shift.
36. Patients in a unit are divided to various groups under care of certain individual nurses.
37. There is comprehensive, continuous, coordinated and individualized nursing care.
38. The first four steps in the disciplinary process are:-
39. Investigation to find cause, formal written warning and suspension, discussion and brief warning
40. Investigation to find cause, discussion and brief warning, strong verbal warning, formal written warning
41. Suspension from job, investigation to find the cause, formal written warning, strong verbal warning
42. Strong verbal warning, interdiction without pay, discharge with opportunity to appeal, formal written warning
43. The process of assigning competent people to fill the roles designed in the organizational hierarchy is:-
    1. Staffing
    2. Scheduling
    3. Recruitment
    4. Induction
44. Motivational factors according to Herzberg two factor theory include:-
45. Possibility of growth, the work itself
46. Company policy , working conditions
47. Interpersonal relationship, recognition
48. Responsibility, good salary

**PART TWO SHORT ANSWER QUESTIONS (40 MARKS)**

1. Outline five (5) causes of treatment failure in gonorrhoea (5 marks)
2. State six (6) factors that affect the health of a family (6 marks)
3. Outline four (4) roles of the community in implementing primary health care ( 4 marks)
4. Explain four (4) biological criteria a good house should meet (4 marks)
5. State five (5) factors that hinder community mobilization ( 5 marks)
6. Outline four (4) clinical features of the paralytic stage of rabies (4 marks)
7. Outline the step of evaluating school health services ( 4 marks)
8. State three (3) contents of a medical community diagnosis report (3 marks)
9. Describe the life cycle of malaria in mosquitoes (5 marks)

**PART THREE: LONG ANSWER QUESTIONS (40MARKS)**

1. Ebola disease is the current global public health problem.
   1. List the four (4) strains of Ebola virus (2 marks)
   2. Outline three (3) specific clinical features of Ebola (3 marks)
   3. Describe the approach you will take as a public health nurse to manage the outbreak of the disease ( 10 marks)
   4. Describe the prevention and control measures of Ebola (5 marks)
2. Delegation is a principle of dealing with time management constraints.
   1. Other than delegation outline four (4) principles of time management ( 4 marks)
   2. Describe the steps involved in delegation (10 marks)
   3. Outline six(6) factors that hinder the delegation process (6 marks)