



**KENYA MEDICAL TRAINING COLLEGE
FACULTY OF NURSING
DEPARTMENT OF NURSING**

**FINAL QUALIFYING EXAMINATION
FOR
CERTIFICATE IN COMMUNITY HEALTH NURSING**

PAPER: COMMUNITY HEALTH NURSING

DATE: 3RD MARCH 2021

TIME: 3 HOURS (8:30AM – 11:30AM)

INSTRUCTIONS

1. This paper consists of:
 - Section 1 (40 Multiple Choice Questions)
 - Section 2 (8 Short Answer Questions)
 - Section 3 (1 Long Answer Question)
2. Attempt **ALL** Questions
3. Write the **EXAMINATION NUMBER** given on all the answer sheets provided and on the question paper.
4. **Ensure** that all examination answer scripts are handed in at the end of the examination
5. **Ensure** you sign the examination register provided

EXAMINATION NUMBER ECN/FPK/FEB-21/362

SECTION 1

MULTIPLE CHOICE QUESTIONS (40 MARKS)

1. The examination of a patient with a psychiatric disorder should include:
 - a) Psychological tests
 - b) Laboratory studies
 - c) A mental status examination
 - d) Screening test for stress levels
2. Positive symptoms of Schizophrenia include:
 - a) Hallucinations, delusions and disorganized thinking
 - b) Waxy flexibility, alogia and apathy
 - c) Somatic delusions, echolalia and a flat affect
 - d) Flat affect, a volition and anhedonia
3. Substance dependence
 - a) Includes characteristics of adverse consequences and repeated use
 - b) Requires long term treatment in a hospital-based program
 - c) Produces less severe symptoms than that of abuse
 - d) Includes characteristics of tolerance and withdrawal
4. A person who is always striving to be the center of attention may be diagnosed with personality disorder called
 - a) Border line
 - b) Histrionic
 - c) Antisocial
 - d) Impulsive
5. The age of onset of attention deficit disorder is between
 - a) 4-7 years
 - b) 10 – 18 years
 - c) 2 -4 years
 - d) Above 8 years
6. Regarding pressure sore ulcers
 - a) Stage one is characterized by erythema with skin breakage on pressure
 - b) Stage three is also classified as partial thickness wound
 - c) Stage four the ulcer extends into the subcutaneous tissue
 - d) Stage two looks like a blister filled with clear fluid
7. One of the following is a principle task in the latent stage of growth and development according to FREUD
 - a) Toilet training
 - b) Weaning
 - c) Learning
 - d) Sexual identity

8. Planning process can be sequenced as follows:
- Setting goals, implementation, assessment, evaluation
 - Assessment, setting goals, implementation, evaluation
 - Assessment, implementation, setting goals, evaluation
 - Setting goals, assessment, implementation, evaluation
9. The correct order of steps in disciplinary process is
- Preliminary investigation, discussion with the offender, strong verbal warning, written warning, suspension
 - Strong verbal warning, discussion with the offender, preliminary investigation, written warning, suspension
 - Discussion with the offender, strong verbal warning, preliminary investigation, written warning, suspension
 - Preliminary investigation, strong verbal warning, written warning, discussion with the offender, suspension
10. Indicate whether the following are True or False:
- A diagnosis and confirmation of only one case of measles at a health facility is and epidemic
 - Incidence is the total number of new and old cases of a disease in a community
11. The role of reinforcement during teaching is:
- Promotion of student's participation
 - Evaluation of student's prior knowledge
 - Assignment of tasks and discussions
 - Achievement of mental closure
12. A disadvantage of self-directed learning would include:
- Learning at individual pace
 - Lack of maintenance of programmed materials
 - Covers limited amount of subject matter
 - There is no contact between learner and teacher
13. The following are components of a vaccine vial
- Vaccine vial monitor, expiry date, refrigeration period
 - Batch number, used dosages, right cold chain temperature
 - Vaccine reaction, manufacturer's literature, expiry date
 - Vaccine vial monitor, expiry date, batch number
14. The following vaccines should be discarded after a vaccination session:
- Measles, BCG, Yellow Fever
 - Measles, BCG, Polio
 - Polio, Pentavalent, Tetanus
 - Tetanus, BCG, Yellow Fever

15. The vaccine that is heat stable, not destroyed rapidly at room temperature and remains active for at least 6 weeks at 37 degrees is
- Pentavalent
 - BCG
 - Tetanus Toxoid
 - Measles
16. The following principle of growth and development is correctly defined:
- Cephalocaudal which states that development proceeds from the center of the body outward
 - Proximodistal which states that development proceeds from top to bottom
 - Orthogenic which states that development progresses from lack of differentiation to increasing differentiation
 - Hierarchial which states that development proceeds from the outward to the centre and simple skills develop together
17. Wilms tumor is the most common malignant tumor of the kidneys and it's characterized by the following manifestations
- A firm mass within the abdomen, haematuria, hypotension, abdominal pains
 - Hypertension, abdominal pains, headache, fever
 - A firm mass within the abdomen, haematuria, abdominal pains, fever
 - A firm mass within the abdomen, anorexia and vomiting, hiccups, abdominal pains
18. In partent ductus arteriosus, there is an abnormal opening between:
- Aorta and pulmonary artery
 - Right and left atria
 - Pulmonary vein and pulmonary artery
 - Aorta and pulmonary vein
19. Organophosphate poisoning should be suspected in a child who presents with:
- Tremors, sweating, excessive salivation, diarrhea
 - Excessive diarrhea, salivation, sweating, dyspnea
 - Pinpoint pupils, dyspnea, sweating, muscle tremors
 - Sweating, tremors, excessive salivation, pin point pupils
20. The main emphasis of community health nursing is
- Treatment of health problems
 - Identification of health problems
 - Identification and assessment of health problems
 - Prevention of health problems and promoting optimum health
21. In epidemiology, the types of analytical studies include
- Observational and experimental studies
 - Cross-sectional and case studies
 - Cross-sectional and observational studies
 - Experimental and descriptive studies

22. Which of the following childhood illnesses are targeted for eradication?
- Measles, Tuberculosis, Poliomyelitis
 - Acute flaccid paralysis, Measles, Neonatal Tetanus
 - Measles, Acute flaccid paralysis, Pneumonia
 - Measles, Neonatal Tetanus, Poliomyelitis
23. The diagnostic stage of malaria is
- Erythrocytic
 - Sporozoitic
 - Hypnozoitic
 - Oocyst
24. The priority nursing management for a patient suffering from:
- Anti-microbial drugs
 - Strict isolation
 - Referral and treatment of contacts
 - Rehydration
25. The stage in HIV/AIDS characterized by recurrent respiratory infections and herpes zoster is:
- Asymptomatic
 - Clinical stage 3
 - Clinical stage 2
 - Terminal stage
26. The incubation period of Hepatitis A virus is:
- 2 - 4 weeks
 - 3 - 12 weeks
 - 6 - 12 weeks
 - 12 - 24 weeks
27. The most effective drug of choice for the treatment of trichomoniasis is
- Metronidazole
 - Tinidazole
 - Azithromycin
 - Fluconazole
28. Excretion of drugs is altered in older adults due to the following renal changes
- Decreased renal tubular function and blood flow
 - Decreased water content in the body
 - Increased total body fat
 - Increase in liver size
29. Caring for older people is about offering support and encouragement with the goal of preserving these three aspects of dignity
- Sympathy, attention, companionship
 - Independence, individuality, autonomy
 - Dependency, worthiness, social inclusion
 - Comfort, dependency, luxury

30. Age related hearing loss is referred to as:
- Decubitus
 - Alzheimer's
 - Presbycusis
 - Presbyopia
31. Campylobacter Jejuni
- Is isolated less frequently from infants and young adults
 - Grows best in an environment of less water than the amount in the atmosphere
 - Tolerates drying
 - Occurs as an outbreak during infection
32. The direct health effects of ozone depletion include:
- Increased risk of skin cancer and breast cancer
 - Increased risk of skin cancer and cataracts
 - Increased exposure to vector borne diseases and skin cancer
 - Increased risk of cataracts and exposure to vector borne diseases
33. In the treatment of tuberculosis, the "DOTs" approach refers to
- The patient getting TB treatment as close to home as possible
 - Patient adheres to treatment during the intensive phase only
 - Directly observed treatment with weekly monitoring
 - Patient takes every drug dosage under supervision during the intensive phase
34. The following is an adverse effect of Nevirapine
- Bone marrow suppression
 - Hepatotoxicity
 - Peripheral neuropathy
 - Gastro-intestinal intolerance
35. When health care is geographically, financial and culturally within reach of the entire community, the service is said to be
- Available
 - Acceptable
 - Accessible
 - Affordable
36. The habit disorders you can discover while assessing the psychological aspect of school children include
- Temper tantrums, thumb sucking
 - Thumb sucking, bed wetting
 - Temper tantrums, delusions
 - Bed wetting, hallucinations

37. A manager who is involved in structuring activities into operational groups engages in a role of:
- Job designing
 - Staffing
 - Scheduling
 - Organizing
38. A core factor which would influence the curriculum development process is
- Natural calamities
 - Political events
 - Students unrests
 - Teacher characteristics
39. Activities categorized as secondary disease prevention include:
- Blood pressure screening, guarding against accidents, actual treatment of disease
 - Chemoprophylaxis, annual pap smear test, supply of safe drinking water
 - Routine mammography, blood pressure screening, annual pap smear test
 - Periodic determination of blood cholesterol, supply of safe drinking water
40. The infection of the genital tract where the discharge has a fishy or ammonia odour is
- Syphilis
 - Gonorrhoea
 - Trichomoniasis
 - Candidiasis

SECTION 2

SHORT ANSWER QUESTIONS (40 MARKS)

- Outline SIX signs that may indicate a patient's suicidal intent in suicide risk assessment 6 marks
- Outline the differences between dementia and delirium 3 marks
- Briefly explain FIVE risk factors to development of bedsores in a bed ridden patient 5 marks
- State THREE factors affecting choice of a refrigerator to use for storage of vaccines 3 marks
- Explain the FOUR stages of growth and development in children 8 marks
- State FIVE examples of services in the Health care system 5 marks
- State FIVE purposes of doing a community diagnosis 5 marks
- Using a well labelled diagram, briefly describe the life cycle of Ascaris 5 marks

SECTION 3

LONG ANSWER QUESTION (20 MARKS)

1. One role of community health nurse is to carry out community diagnosis in order to help the community meet their health needs.
 - (a) Define community diagnosis **1 mark**
 - (b) State five (5) preparations done before executing the process **5 marks**
 - (c) Describe steps followed in community diagnosis process **14 marks**

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