

NURSING COUNCIL OF KENYA

EXAMINATION FOR ADMISSION TO THE REGISTER OF COMMUNITY HEALTH NURSE – KRCHN (BASIC)

PAPER THREE

DATE: THURSDAY 27TH APRIL 2017

TIME ALLOWED: 3 HOURS

9.00 AM to 12.00 PM

INSTRUCTIONS TO CANDIDATES:

1. Read the questions carefully and answer only what is asked.
2. ENTER YOUR EXAMINATION NUMBER AND QUESTION NUMBER ON THE space provided in the answer booklet.
3. All the questions are compulsory.
4. For Part I (M.C.Q's)
Write your answers in capital letters on the space provided in the answer booklet.
5. Each M.C.Q. is 1 mark.
6. For Part II (SHORT ANSWER QUESTIONS).
Answers to these questions should follow each other on the space provided in the answer booklet.
7. For Part III (ESSAY/LONG ANSWER QUESTIONS)
Answers to each question must be written on the specified page(s) in the answer booklet.
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.
9. Each candidate MUST sign the examination return form after handing in ALL the scripts.
10. No candidate shall leave the examination room until all the examination scripts have been submitted and sealed in an envelope by the invigilators.

KRCHN (BASIC) EXAMINATION: PAPER THREE: APRIL 2017
PART I: MULTIPLE CHOICE QUESTIONS:

Q:1: An ethnocentric nurse is one who:-

- a) Assumes that her own culture is inferior to all others.
- b) Views patients as equal in their social status hence are equally entitled to resources.
- c) Evaluates patient's behavior from the perspective of their own culture.
- d) Beliefs that one racial group is naturally superior to another.

Q:2: An endemic disease is that which:-

- a) Occurs in excess of normal expectancy in a community.
- b) Occurs in the usual constant frequency in a population.
- c) Has its invasion and spread resisted by a group of population.
- d) Occurs in a wide geographical area.

Q:3: The categories of individuals termed as special groups are:-

- a) School children, armed forces, truck drivers.
- b) The handicapped, factory workers, pregnant women.
- c) Young adults, sex workers, fire victims.
- d) Orphans, prisoners, refugees ✓

Q:4: When an occupational health nurse assess and treats health related problems among workers, she is said to be fulfilling her:-

- a) Environmental role.
- b) Managerial role.
- c) Professional role.
- d) Educational role.

Q:5: A four year old child, whose family follows a strict vegetarian diet has a potential for deficiency of:-

- a) Niacin.
- b) Thiamin.
- c) Vitamin B₆.
- d) Vitamin B₁₂.

Q:6: Sampling error is said to occur when:-

- a) The study instrument is not valid.
- b) The sampling frame is unknown.
- c) The sampling size is too small.
- d) Participants choose to lie during data collection.

Q:7: The catchment area for an immunization clinic is:-

- a) The area defined by the administrative boundaries.
- b) The area where most of the children in the clinic reside.
- c) The area surrounding the clinic.
- d) The area which can be served by the clinic satisfactorily.

Q:8: In experimental research:-

- a) Both the treatment group and control group must be present.
- b) Randomization is used to guarantee participant confidentiality.
- c) The aim of research is to generate a hypothesis.
- d) The independent variable under study is not manipulated.

Q:14: The first step in a quantitative research process is:-

- a) Formulate a hypothesis.
- b) Define a research problem.
- c) Review previous research findings.
- d) Determine a research design.

Q:10: The community diagnosis sequential process entails:-

- a) Planning of the survey, exploration, pretesting survey tools, report writing, dissemination and community action.
- b) Exploration, planning of the survey, pretesting survey tools, report writing, dissemination and community action.
- c) Pretesting survey tools, planning of the survey, exploration, report writing, dissemination and community action.
- d) Exploration, pretesting survey tools, planning of the survey, report writing, dissemination and community action.

Q:11: The school health committee is comprised of:-

- a) Teachers, pupils and students, parents, community health nurse, community formal and informal leaders.
- b) Teachers, pupils and students, church leaders, parents, community health nurse, community formal and informal leaders.
- c) Teachers, church leaders, parents, community health nurse, community formal and informal leaders.
- d) Parents, community health nurse, community formal and informal leaders, community volunteers, pupils and students.

Q:12: Pit latrines should be constructed:-

- a) At least two to three metres above the water table.
- b) Upstream in relation to the nearby well.
- c) At least one metre away from the buildings.
- d) With a vent pipe for controlling the smell.

Q:13: The causative micro-organism of cholera:-

- a) Is transmitted through contact.
- b) Thrives well under acidic environment.
- c) Is a gram positive bacteria.
- d) Responds to erythromycin during treatment.

Q:14: A syphilitic ulcer:-

- a) Is painless.
- b) Is suppurative.
- c) Has defined edges.
- d) Occurs in multiples.

Q:15: The host factors that determine disease progression include:-

- a) Insufficiency or excess hormones.
- b) Excess or deficiency of immunoglobulins.
- c) Chemicals produced in the body as a result of deranged function.
- d) Genetic factors like behavioural disorders.

Q:16: Discussion of study findings involves:-

- a) Making sense of collected data through tabulation and descriptive statistics.
- b) Explaining study results in comparison with study objectives and previous research.
- c) Conducting review of related literature so as to peer-review the project.
- d) Presenting study results in a logical way for ease of understanding by the readers.

Q:17: When organizing a home visit the nurse ensures that it:-

- a) Follows a strict time frame according to her duty roster.
- b) Is irregular and educative to the patient.
- c) Is recorded in the appropriate case file.
- d) Is carried out at the health facility. ✓

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Q:18: Calculate the median in the following data: 80, 50, 30, 30, 30, 45, 50, 45, 60, 35:-

- a) 30.
- b) 35.
- c) 45.
- d) 50.

80 50 30 30 30 45 50 45 60 35
50 50 40 80

Q:19: A refugee is a person who:-

- a) Has been displaced and who voluntarily agrees to return to his own country.
- b) Cannot find safety in their own country due to danger and has been granted protection by another country.
- c) Cannot find safety in their own country due to crimes committed and requests to be granted protection. ✓
- d) Is living within their territorial borders but outside their habitual areas.

Q:20: What does nursing research contribute to the advancement of professional nursing practice:-

- a) Further development of theories.
- b) Expansion of scientific knowledge.
- c) Create employment.
- d) Predicts outcomes of care.

PART II: SHORT ANSWER QUESTIONS:

MARKS

- Q:1: ✓ State four (4) reasons for low uptake of long acting family planning methods in Kenya. 4
- Q:2: ✓ Outline five (5) needs of a school child. 5
- Q:3: ✓ Outline five (5) ways of community mobilization. 5
- ✱ Q:4: ✓ State seven (7) steps in quantitative research process. 6
- ✱ Q:5: ✓ With the aide of a diagram explain the epidemiological triad. 5
- Q:6: ✓ State four (4) categories of occupational hazards in a health facility giving an example in each. 6
- Q:7: ✓ Outline six (6) ways of maintaining cold chain in an immunization centre. 6
- Q:8: ✓ State the first three (3) stages in the natural history of a disease. 3

PART III: ESSAY/LONG ANSWER QUESTIONS:

MARKS

- Q:1: As a qualified guidance and counselling expert, you have been selected to head a beyond zero campaign flagship project in your sub-county due to high incidence of HIV among the youth.
- i) ✓ List four (4) factors that may increase youth vulnerability to HIV infection in you sub-county. 2
 - ii) ✓ Explain three (3) service options you would avail to youth receiving testing services at your sub-county. 6
 - iii) ✓ Discuss the importance of having youth friendly services centres (YFSC) in your sub-county as part of the project. 12
- Q:2: Community strategy is one of the government initiatives to devolve health into the community.
- a) State three (3) achievements realized in community strategy. 3
 - b) State three (3) challenges faced in Kenya today on implementation of community strategy. ✓ 3
 - c) Explain the key responsibilities of the community in the implementation of the community strategy. ✓ 14
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