

NURSING COUNCIL OF KENYA

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

PAPER FOUR

DATE: THURSDAY 27TH APRIL 2017

TIME ALLOWED: 3 HOURS

2.00 PM to 5.00 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 FOUR: APRIL 2017
PART I: MULTIPLE CHOICE QUESTIONS:

- Q:1: The correct loading dose for quinine therapy in severe malaria for an 8 Kg infant is:-
- 40 mg.
 - 80 mg.
 - 100 mg.
 - 160 mg.
- Q:2: While caring for a 3 year old child admitted with asthma, a priority nursing intervention would be:-
- Performing nebulization with albuterol upto 6 doses in the first hour.
 - Giving humidified oxygen via nasal prongs titrated by oximetry.
 - Chest physiotherapy after every nebulization till discharge.
 - Administer prescribed cough suppressants to improve child's comfort.
- Q:3: A correct discharge instruction to parents of a 12 month old infant with gastro-esophageal reflux disease will be:-
- Give the infant blended thinned feeds for easy digestion.
 - Watch for blood-stained vomitus which requires urgent medical attention.
 - Give prescribed proton-pump inhibitors such as ranitidine to inhibit gastric acid secretion.
 - Surgical management is the ultimate intervention for consideration.
- Q:4: Indicate whether the following statement is true or false:-
- BCG vaccine is contraindicated in HIV-exposed babies.
 - A HIV-exposed infant should be immediately started on ARV therapy irrespective of clinical staging once PCR test is confirmed positive.
- Q:5: Primary irritant diaper dermatitis:-
- The affected area is most commonly colonized by candida albicans.
 - Lesions appear as discrete follicular papules.
 - The treatment of choice is low potency topical steroids.
 - Plastic pants should be used in preference to diapers.
- Q:6: According to Erickson's developmental theory, developmental tasks during "stage of industry versus inferiority" are:-
- Develop a sense of purpose and ability to initiate and direct own activities.
 - Gain some self-control and independence within the environment.
 - Achieve life goals established for oneself while considering welfare of future generations.
 - Achieve a sense of self-confidence by learning, completing and receiving recognition from others.

Q:7: Phenothiazines are thought to exert their antipsychotic effect by:-

- a) Blocking post-synaptic dopamine receptors in the basal ganglia.
- b) Enhancing dopamine-mediated transmission of neural impulses at the synapses.
- c) Altering sodium metabolism within muscle cells and nerves.
- d) Selectively inhibiting the re-uptake of amines such as nor-epinephrine.

Q:8: A priority nursing diagnosis for a 14 year old teenager admitted with Bulimia nervosa is:-

- a) Body image disturbance related to retarded ego development.
- b) Ineffective denial related to fear of losing an aspect of life she has control over.
- c) High risk for fluid deficit related to abuse of laxatives and diuretics.
- d) Disturbed self esteem related to dysfunctional family system.

Q:9: In Korsakoff's psychosis:-

- a) Thiamine deficiency results in pain, burning and tingling sensation in the extremities.
- b) Symptoms of palpitations, anxiety, diaphoresis and arrhythmias occur.
- c) The resultant symptoms of confusion, confabulation and memory loss occur due to azotemia.
- d) Treatment requires parenteral or oral Thiamine plus complete alcohol abstinence.

Q:10: Prominent symptoms of schizophrenia during the residual phase include:-

- a) Flat affect, impaired role functioning, social withdrawal.
- b) Eccentric peculiar behavior, bizarre delusions, neglect of personal hygiene.
- c) Hallucinations, loosening of association, lack of initiative.
- d) Catatonic behavior, incoherence, bizarre ideas.

Q:11: A development achievement in a five month old infant is demonstrated when the child:-

- a) Uses simple words such as 'mama'.
- b) Uses monosyllabic babbling.
- c) Links syllables together.
- d) Coos when comforted.

Q:12: The action that a ward manager should take when a staff nurse has stolen ward drugs is to:-

- a) Give the nurse a verbal warning.
- b) Notify the police in the nearby station.
- c) Report the case to the hospital nurse in-charge.
- d) Dismiss the nurse immediately from the work station.

Q:13: Future oriented statements that are purposefully designed to identify the derived future of an organization are referred to as:-

- a) Organizational structure.
- b) Philosophy.
- c) Mission.
- d) Vision.

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Q:14: When preparing a teaching plan, the nurse described what the learner will be able to accomplish after teaching session. This action is:-

- a) Developing learning objective.
- b) Providing practice reinforcement.
- c) Implementing interpersonal communication.
- d) Presenting facts and knowledge.

Q:15: A student learns that the normal adult heartbeat is 60 to 100 beats/minute. Which domain did learning take place:-

- a) Cognitive.
- b) Kinesthetic.
- c) Affective.
- d) Psychomotor.

Q:16: Which factors should the nurse assess to determine a patients ability to learn?

- a) Socio cultural background.
- b) Overall physical health.
- c) Developmental capabilities.
- d) Psychosocial adaptation.

Q:17: The validity of a written examination can be guaranteed by:-

- a) Developing a comprehensive marking key.
- b) Ensuring a well-balanced content examination.
- c) Subjecting written scripts to more than one examiner for marking.
- d) Offering candidates a chance for a re-test.

Q:18: The use of question and answer in microteaching skill:-

- a) Helps to diagnose learners' strengths and weaknesses.
- b) Often assists the teacher to grade learners at the end of the course.
- c) Requires the teacher to know answers to all questions.
- d) Should particularly focus on struggling learners to improve their performance.

Q:19: Individual differences that influence learning include:-

- a) Complexity of content, language ability, age.
- b) Value of subject content, provision for practice, ethnicity.
- c) Past experiences, educational background, marital status.
- d) Employment status, ethnicity, educational background.

Q:20: When a learner conducts bedside presentation of a selected patient to fellow learners and the instructor, this is termed:-

- a) Nursing conference.
- b) Nursing case care study.
- c) Nursing clinical round.
- d) Nursing clinic.

PART II: SHORT ANSWER QUESTIONS:

MARKS

Q:1: State five (5) diagnostic criteria symptoms of delirium. 5

Q:2: Explain three (3) goals of rehabilitation of mentally ill persons. 6

Q:3: State five (5) characteristics of a good clinical instructor. 5

Q:4: State five (5) advantages of group discussion as a teaching strategy. 5

Q:5: Define the following terms:

a) Decision making process. 1

b) Explain the five (5) steps of decision making process. 5

Q:6: State five (5) categories of cognitive domain according to B.S. Bloom. 7

Q:7: Give six (6) risk factors to occurrence of infective endocarditis in children. 3

Q:8: State six (6) nursing responsibilities while caring for a child admitted with febrile convulsions. 6

PART III: ESSAY/LONG ANSWER QUESTIONS:

MARKS

Q:1: Twenty four (24) year old Madam V has been referred to your psychiatric outpatient clinic due to history of a pervasive pattern of social inhibition and hyper sensitivity to negative comments. A diagnosis of anxious (avoidant) personality disorder is made.

- a) ✓ State four (4) diagnostic criteria symptoms of anxious (avoidant) personality disorder.
- b) ✓ Explain three (3) a etiological factors in personality disorders.
- c) ✓ Describe specific management approaches for Madam V.

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Q:2: You have been appointed the ward Manager in a newly established sub-county hospital which requires that you apply your management knowledge so as to be effective in patient care.

- i) ✓ Outline three (3) basic managerial functions that you will apply in your daily duties.
- ii) ✓ State five (5) objectives of ward management that will govern your daily functioning.
- iii) ✓ Explain six (6) responsibilities of a ward manager that you will apply in managing the ward.

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