

**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 colorized 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.

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 statuses.
- 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.

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| a) | State four (4) diagnostic criteria symptoms of anxious (avoidant) personality disorder. | 4  |
| b) | Explain three (3) a etiological factors in personality disorders.                       | 6  |
| c) | Describe specific management approaches for Madam V.                                    | 10 |

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.

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| i)   | Outline three (3) basic managerial functions that you will apply in your daily duties.       | 3  |
| ii)  | State five (5) objectives of ward management that will govern your daily functioning.        | 5  |
| iii) | Explain six (6) responsibilities or a ward manager that you will apply in managing the ward. | 12 |