

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

SECOND YEAR EXAMINATION FOR BACHELOR OF SCIENCE IN NURSING

NURU 264: PEDIATRIC AND CHILDHEALTH NURSING II

STREAMS: Y2S1

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 31/3/2021

2.30 PM – 4.30 PM

INSTRUCTIONS:

1. Do not write anything on the question paper.
2. Mobile phones and any other reference materials are NOT allowed in the examination room.
3. The paper has three sections. Answer ALL the questions.
4. All your answers for Section I (MCQs) should be on one page.
5. Number ALL your answers and indicate the order of appearance in the space provided in the cover page of the examination answer booklet.
6. Write your answers legibly and use your time wisely

A. Multiple choice questions (20Marks).

1. Pneumothorax could be a complication of:
 - a. Staphylococcal pneumonia
 - b. Pneumococcal pneumonia
 - c. Klebsiella pneumonia
 - d. Viral pneumonia
2. Which one of the following values is not a feature of Acute Severe Asthma?
 - a. Heart rate more than 110/min
 - b. PEF of 60 to 70% of expected
 - c. Pulsus Paradoxus
 - d. PaO₂ of less than 8 kPa
3. Which of the following is NOT recommended in the immediate treatment of acute severe asthma?
 - a. Oxygen supplementation
 - b. High doses of inhaled β_2 – adrenoreceptor agonists
 - c. Systemic corticosteroids
 - d. Intravenous aminophylline

4. A child of less than one year should use the following device for asthma treatment:
 - a. MDI with Space
 - b. MDI with Mask
 - c. MDI with Spacer with Mask
 - d. MPI with mask
5. A 4-year child with bronchial asthma presents the history of 3 or more episodes during daytime and 2 wheezing episodes during the night in a week. How will you grade this asthma?
 - a. Mild Persistent
 - b. Moderate persistent
 - c. Severe persistent
 - d. Mild intermittent
6. Wheeze in children is caused by:
 - a. Foreign body
 - b. Gastroesophageal reflux disease
 - c. Bronchial asthma
 - d. Epiglottitis
 - e. Laryngomalacia
7. Which of the following exocrine glandular ducts are not obstructed in cystic fibrosis?
 - a. Pancreas
 - b. Lung
 - c. Sweat gland
 - d. All of the above
8. Most common mode of treatment of a 1-year child with asthma is
 - a. Inhaled short-acting β_2 agonist
 - b. Oral short-acting Theophylline
 - c. Oral Ketotifen
 - d. Leukotriene agonist
9. Level of trachea bifurcation in the pediatric patient is
 - a. T2
 - b. T4
 - c. T3
 - d. T5
10. 'Loeffler's syndrome' is characterized by:
 - a. Transient, migratory pulmonary infiltrations
 - b. Fibrosis in the pulmonary apices
 - c. Fibrosis in the base of one or both lungs
 - d. Miliary mottling
11. The following are signs and symptoms of hyponatremia except
 - a. Thirst
 - b. Weight loss
 - c. Headaches
 - d. Dehydration
12. Which of the following is not a cause of metabolic alkalosis?
 - a. Vomiting
 - b. Hypokalemia
 - c. Increased HCO_3

- d. Diarrhea
13. A 10-year-old child voids
- 5 to 10 ml of urine/hour
 - 10 to 25 ml of urine/hour
 - 25 to 35 ml of urine/hour
 - 35 ml/hour
14. The newborn's stomach capacity is;-
- 5-10ml
 - 10-30ml
 - 10 to 20 ml
 - 20-30ml
15. Gastric emptying time for one to two months of age infant is:
- 2 to 3 hours
 - 3 to 6 hours
 - 4 to 8hours
 - 3 to 8hours
16. Complications of Long-term problems of cleft lip/palate include the following except
- Defective Speech
 - Social adjustment problems
 - Smiling problems
 - Recurrent otitis media
17. In addition to the symptoms of pallor, loss of appetite, tiredness, the nurse would expect an infant with acute no lymphoid leukemia to demonstrate:
- Oliguria
 - Few stem cells
 - Difficulty swallowing
 - Depressed bone marrow
18. When vomiting is uncontrolled in an infant, the nurse should observe for signs of:
- Tetany
 - Acidosis
 - Alkalosis
 - Hypersensitivity
19. A disorder, following a streptococcal infection, characterized by swollen joints, fever, and the possibility of endocarditis and death is:
- Tetanus
 - Measles
 - Rheumatic fever
 - Whooping cough
20. To control bleeding in a child with hemophilia A, the nurse would expect to give:
- Factor VIII concentrate
 - Albumin
 - Fresh frozen plasma
 - Factor II, VII, IX, X complex

B. SHORT ANSWER QUESTIONS(30MARKS)

1. Describe any four(4) major manifestations of acute rheumatic fever in children. (8marks)
2. State five observations that will make you suspect burns related to child abuse. (5marks)
3. Outline five(5)Signs and Symptoms of Hypospadias and Epispadias (5marks)
4. State six(6) Clinical Manifestations of Intussusceptions (6marks)
5. State six(6)Clinical presentations of a child with nephrotic syndrome (6marks)

C. LONG ANSWER QUESTIONS(20marks)

1. Baby Fau is admitted in a pediatric ward with complaints of dyspnea, pallor, tachycardia, delayed capillary refill and exercise intolerance.
 - a. Describe five (5) Acyanotic disorders (10marks)
 - b. Describe medical management of baby Fau for 24hour (10 marks)
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