



SCHOOL OF NURSING

DEPARTMENT OF

MEDICAL AND SURGICAL NURSING AND HUMAN HEALTH SCIENCES

BACHELOR OF SCIENCE IN NURSING

END OF JANUARY 2022 SEMESTER

NUR 229 PEDIATRIC NURSING

MARKS: 80

TIME ALLOCATED: 2 HOURS 30 MINUTES

INSTRUCTIONS

1. Write all your responses in the booklet provided
2. Answer **ALL** Questions

SECTION A: MULTIPLE CHOICE QUESTIONS (20 MARKS)

1. A nine month old baby was admitted with moderate dehydration. The general appearance of this child is....

- a) Alert and restless
- b) Limp and peripheral cyanosis
- c) Lethargic, postural dizziness
- d) Diminished tears

2. A four month premature infant born with a Patent ductus arteriosus (PDA) is commenced on Indomethacin. This is to;

- a) Decrease the intensity of heart murmur
- b) Prevent intra cardiac blood shunting
- c) Maintain patency of the ductus arteriosus
- d) Enhance closure of PDA

3. Erickson psychosocial developmental stage for age group (1-3 years) is referred to as;

- a) Industry vs. inferiority
- b) Autonomy vs Shame
- c) Initiative vs. Guilt
- d) Trust vs Mistrust

4. When assessing a child's cultural background, the nurse in charge should keep in mind that:

- a) Heritage dictates a group's shared values
- b) Physical characteristics mark the child as part of a particular culture
- c) Cultural background usually has little bearing on a family's health practices
- d) Behavioral patterns are passed from one generation to the next

5. Alice is rushed to the emergency department during an acute, severe prolonged asthma attack and is unresponsive to usual treatment. The condition is referred to as;

- a) Extrinsic asthma
- b) Reactive airway disease
- c) Intrinsic asthma
- d) Status asthmaticus

6. After the nurse provides dietary restrictions to the parents of a child with celiac disease, the statement by the parents that indicates effective teaching is;

- a) "We will follow these instructions until our child's symptoms disappear"
- b) "Our child must maintain these dietary restrictions until adulthood"
- c) "Our child must maintain these dietary restrictions lifelong"
- d) "We'll follow these instructions until our child has completely grown and developed"

7. One of the following is the best method for performing a physical examination on a toddler;

- a) From head to toe
- b) Distally to proximally
- c) From abdomen to toes, then to head
- d) From least to most intrusive

8. A 3-year-old is brought to the ER with coughing and gagging. The parent reports that the child was eating carrots when she began to gag. The diagnostic evaluation that will be used to determine if the child has aspirated carrots is;

- a) Chest x-ray.
- b) Bronchoscopy.
- c) Arterial blood gas (ABG).
- d) Sputum culture.

9. The most serious complication of meningitis in young children is:

- a) Epilepsy
- b) Blindness
- c) Peripheral circulatory collapse
- d) Communicating hydrocephalus

10. Sarah 2 years old is admitted in Critical care unit and is receiving total parenteral nutrition (TPN). This is indicated in one of the following conditions;

- a) Functional gut
- b) Massive small bowel resection
- c) Multiple organ failure
- d) Mild malnutrition

11. If a child develops cyanosis early during tonic-clonic seizure, it is most appropriate for the nurse to:

- a) Insert an oral airway
- b) Administer oxygen by mask
- c) Use a padded tongue blade
- d) Observe without intervening

12. A 6-year old child with sickle cell disease is admitted with vasoactive crisis. Priority nursing concerns would be:

- a) Nutrition and hydration
- b) Nutrition and antibiotics
- c) Hydration and pain management
- d) Pain management and antibiotics

13 The **most** likely blood results the nurse would expect when caring for a child with iron deficiency anemia is;

- a) Increased hematocrit
- b) Polycythemia
- c) Pancytopenia
- d) Leukocytosis

14. When teaching an insulin-dependent adolescent client about dietary management, the nurse should instruct the client to:

- a) Eat all meals at home
- b) Weigh all food on a gram scale
- c) Always carry a concentrated form of glucose
- d) Have the parent prepare food separately from the rest of the family

15. A skin infection that can be a sequel of a Group A streptococcal infection which can cause glomerulonephritis is

- a) Scabies
- b) Impetigo
- c) Intertrigo
- d) Herpes simplex

16. The most appropriate time for surgical repair of cleft palate is;

- a) At eight months of age
- b) At birth
- c) 6 months to 12 months of age
- d) 1 year to 2 years of age

17. Based on developmental norms for a 5-year old the nurse should withhold a scheduled dose of digoxin (Lanoxin) elixir and notify the physician if the child's apical pulse rate is below:

- a) 60 beats per minute
- b) 80 beats per minute
- c) 90 beats per minute
- d) 100 beats per minute

18. A 9 month old infant accidentally fell into hot boiling water and sustained second degree burns of neck, anterior trunk and right upper arm. The correct total percentage of burns as per Lund-Browder chart is;

- a) 26%
- b) 19%
- c) 20%
- d) 29%

19. A pediatric ED nurse, who is caring for a 12-year old patient with septic shock, perceives a potential complication of fluid resuscitation upon noting

- a) Heart rate of 50 beats per minute
- b) Temperature of 38.8 degrees C
- c) Complaints of leg pain
- d) Rhonchi and rales on auscultation

20. A 5-year girl has a fever, headache, and complaints of a stiff neck. The physician suspects bacterial meningitis. The best test culture site to detect the bacteria is;

- a) Clean catch urine
- b) Nasal swab
- c) Blood culture
- d) Lumbar puncture

SECTION II. SHORT ANSWER QUESTIONS (40 Marks)

1. A ten-year-old girl was brought to the emergency department, with chief complaint of convulsions and was diagnosed with Status Epilepticus. Describe emergency management of Status Epilepticus (6 marks)
2. A newborn is diagnosed as pathological jaundice and is undergoing phototherapy
 - a) List four clinical manifestations of pathological jaundice (2 mark)
 - b) Describe nursing management of the newborn undergoing phototherapy (6 marks)
3. State five clinical manifestations of Otitis media (5 marks)
4. Outline five medical interventions for a 10-year-old child diagnosed, with Asthma (5 marks)
5. Formulate four priority nursing diagnosis, for a ten year-old patient who is terminally ill and diagnosed as Acute lymphocytic leukemia (6 marks)
6. Outline five key measures to prevent malaria in under-five children, in accordance to Integrated management of childhood illnesses guidelines (IMCI) (5 marks)
7. Outline five nursing interventions of a 6 year old child with a diagnosis of cardio-pulmonary failure (5 marks)

SECTION III. LONG ANSWER QUESTION (20 MARKS)

1. A 8-year-old male child was involved in road traffic accident as he was riding his bicycle and was brought to the emergency department, with chief complaints of unconsciousness and epistaxis and was diagnosed as TBI (Traumatic head injury). On examination the patient findings are as follows. GCS-4, Bp-130/50 mmHg, PR-130 /mt, Temp-39-degree Celsius
 - a) Describe the pathophysiology of TBI (6 marks)
 - b) Discuss management for the patient in the first 24 hours (14 marks)

THE END