



Benha University
Faculty of Nursing
Third Year
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pages n.:

Pediatric Nursing Department
Final Term Pediatric Nursing Exam
١st Semester
Academic Year ٢٠١٩/٢٠٢٠

I. Choose the correct answer: (٣٥ marks)

- ١- Which infants are most likely to get rickets?
 - a. African-American infants who are breastfed
 - b. Caucasian infants are breastfed
 - c. Hispanic infants who are breast-fed
 - d. Any infant who is fed formula
٢. Which of the following symptoms does not occur in scurvy?
 - a. Night blindness
 - b. bleeding in the skin
 - c. Inability to recover quickly from illness
 - d. anemia
٣. Which of the following manifestations are not related regarding Diaphragmatic hernia?
 - a. Severe respiratory distress, including dyspnea and cyanosis at birth
 - b. Vomiting and colicky pain,
 - c. The infant swallows normally but sudden coughs and struggles
 - d. Discomfort after feeding
- ٤- While assessing a child with pyloric stenosis, the nurse is likely to note which of the following?
 - a. Regurgitation
 - b. Steatorrhea
 - c. Projectile vomiting
 - d. "Currant jelly" stools
- ٥- Passage of ribbon like, foul smelling stools is constant manifestation of:
 - a. Diaphragmatic hernia
 - b. Hirschsprung disease
 - c. Hypertrophic pyloric stenosis
 - d. Intussusception
- ٦- Which of the following statements are not correct regarding trachea-esophageal fistula?
 - a. Excessive salivation and drooling
 - b. Sudden coughs and struggles and the fluid returns through the nose and mouth.
 - c. Bile stained and projectile vomiting
 - d. Infant becomes cyanotic and may stop breathing
- ٧- A child with cancer has the following lab result: WBC ١٠,٠٠٠, RBC ٥, and platelets of ٢٠,٠٠٠. When planning this child's care, which risk should the nurse consider most significant?

a.Hemorrhage
c.Infection

b.Anemia
d. Pain

8-A child with DM states, "I cannot eat big meals; I prefer to snack throughout the day." The nurse should carefully explain that the:

- a. Regulated food intake is basic to control
- b. Salt and sugar restriction is the main concern
- c. Small, frequent meals are better for digestion
- d. Large meals can contribute to a weight problem

9-What are the needs of the patient with acute lymphocytic leukemia and thrombocytopenia ?

- a. to a private room so she will not infect other patients and health care workers
- b. to a private room so she will not be infected by other patients and health care workers
- c. to a semiprivate room so she will have stimulation during her hospitalization
- d. to a semiprivate room so she will have the opportunity to express her feelings about her illness

10 - Thyrotoxicosis characterized by

- a. An accelerated metabolism of all body tissues
- b. A declined metabolism of all body tissues
- c. An accelerated catabolism of all body organs
- d. produce insufficient amount of thyroid hormones

11 -A child diagnosed with Hodgkin's disease mainly complained of

- a. Painless swelling of the lymph nodes
- b. Painful swelling of the lymph nodes in neck and axilla
- c. Anorexia
- d. Haematuria

12- The parents of a son with hemophilia will have another pregnancy. The mother has been identified as a carrier of the hemophilia gene. What chance does each female offspring have hemophilia:

- a. 100%
- b. 0%
- c. 50%
- d. None

13- A male child aged 9; with intelligence quotient (IQ) of 80 is admitted to the hospital for evaluation. When planning care, the nurse should keep in mind that this child is:

- a. Mildly retarded but educable
- b. Completely dependent on others for care
- c. Moderately retarded but trainable
- d. Within the lower range of normal intelligence

14- Which of the following would the nurse identify as the priority nursing diagnosis during a toddler's vaso-occlusive sickle cell crisis?

- a. Ineffective coping related to the presence of a life-threatening disease
- b. Decreased cardiac output related to abnormal hemoglobin formation
- c. Pain related to tissue anoxia
- d. Excess fluid volume related to infection

- 15- Which of the following is most useful in follow up of rheumatoid activity?
- ECG.
 - ESR**
 - Temperature chart
 - Auscultation.
- 16- Sever exercise is particularly dangerous in
- Patent ducts arteriosus (PDA)
 - Aortic stenosis**
 - Pulmonary stenosis
 - Mitral stenosis
- 17- Which of the following clinical manifestation of parasitic enteritis
- diarrhea is sever or bloody and fever is above 38°C.
 - diarrhea is usually watery, not sever and fever is below 38°C.
 - diarrhea is usually watery foul smelling but fever absent.**
 - diarrhea is sever or bloody.
- 18- High blood pressure in upper extremities is present in
- Coarctation of aortic**
 - Pulmonary stenosis.
 - Patent ducts arteriosus (PDA)
 - Aortic stenosis
- 19- Early stage signs of kernicterus are
- Poor feeding or sucking.
 - Seizure.
 - Intellectual disability.
 - High pitched cry.
- 20- The neonate diagnosed with Respiratory Distress Syndrome is transferred to the neonatal intensive care unit and placed on a ventilator. Which intervention should the nurse implement first?
- Confirm that the ventilator settings are correct.
 - Verify that the ventilator alarms are functioning properly.
 - Assess the respiratory status and pulse oximeter reading.
 - Mouth care.
- 21- Which type of play is most typical of the preschool period?
- | | |
|-----------------------------|-------------|
| a- Solitary | b- Parallel |
| <u>c-Associative</u> | d- team |
- 22- The most appropriate method for a nurse to evaluate the effects of the maternal blood glucose level in the infant of a diabetic mother is by performing a heel stick blood test on the newborn. What specifically does this test determine?
- Blood acidity
 - Complete blood count
 - Serum glucose level
 - Glycosylated hemoglobin level

23- A normal healthy child first eruption of the lower front teeth known as central incisor between:

- a. 4-6 months
- b. 6-12 months
- c. 12-18 months
- d. 18-24 months

24- The oral stage of development according to “Freud” extends:

- a. From birth to 18 months.
- b. From birth to 12 months.
- c. From birth to 16 months.
- d. From birth to 18 months.

25- The Application of nursing informatics in nursing practice includes the following except:

- a. Put plans for nursing care, results, reporting, documentation and discharge planning.
- b. Uses computer application to enter client data
- c. Uses e-mail to communicate.
- d. Remote access to libraries

26- A nurse is preparing to care for a 6-year-old who has been placed in traction following a fracture of the femur. The nurse plans care, knowing that which of the following is the most appropriate activity for this child:

- a- Large picture books
- b- A radio
- c- Crayons and coloring book
- d- A sports video

27- What would the nurse expect of a healthy 3-year-old child?

- a- Jump a rope
- b- Ride a two-wheel bicycle
- c- Skip on alternate feet
- d- Balance on one foot for a few seconds

28- What represents the major stressors of hospitalization for children from middle infancy throughout the preschool years?

- a- Separation anxiety
- b- Loss of control
- c- Fear of bodily injury
- d- Fear of pain

29- It is an inflammatory condition of the skin that occurs in and around sebaceous glands during adolescence:

- a. Oral thrush
- b. Conjunctivitis
- c. **Acne vulgaris**
- d. Impetigo

30- One who does not behave in accordance with standards set by his society or community?

- a. **Negativism**
- b. **Delinquency**
- c. Temper tantrum
- d. Ritualistic behavior

۳۱- A nurse prepares to administer a vitamin K injection to a newborn infant. The mother asks the nurse why her newborn infant needs the injection. The best response by the nurse would be:

- a. "Your infant needs vitamin K to develop immunity."
- b. "The vitamin K will protect your infant from being jaundiced."
- c. **Newborn infants are deficient in vitamin K, and this injection prevents your infant from abnormal bleeding**
- d. Newborn infants have sterile bowels, and vitamin K promotes the growth of bacteria in the bowel.

۳۲- A newborn's mother is alarmed to find small amounts of blood on her infant girl's diaper. When the nurse checks the infant's urine it is straw colored and has no offensive odor. Which explanation to the newborn's mother is most appropriate?

- a. "It appears your baby has a kidney infection"
- b. Breast-fed babies often experience this type of bleeding problem due to lack of vitamin C in the breast milk"
- c. The baby probably passed a small kidney stone"
- d. **Some infants experience menstruation like bleeding when hormones from the mother are not available"**

۳۳- Which of the following is not true about anatomic pneumonia distribution?

- a. Bronchopneumonia.
- a. Lobar pneumonia.
- b. Interstitial pneumonia.
- c. **Aspiration pneumonia**

۳۴- Which of the following clinical picture disappears in ۲nd week of child with typhoid fever?

- a. Abdominal distension
- b. Skin rashes
- c. **Headache**
- d. Fever

۳۵- In a non-potty trained child with nephrotic syndrome, the best way to detect fluid retention is which of the following?

- a. Measure abdominal girth weekly
- b. Test urine for hematuria
- c. Count the number of wet diapers
- d. **Weight child daily**

II- True or false:

(10 marks)

N	Statement	T/F
1.	Corneal ulceration is the most possible complications of conjunctivitis	F
2.	If the new borne is choking, coughing, sneezing and vomits after feeding is a sign of esophageal Artesia	T
3.	Tetany is the muscle spasm that occurs in hypocalcaemia	
4.	Recommended dose of vitamin D in full term infant is 400-800 I.u /day and in the preterm infant is 1000-1500 I.u /day.	
5.	Kyphosis occurs due to weakness of sacrospinalis muscle and relaxation of ligaments.	
6.	The incidence rate of congenital hypothyroidism is commonly higher in female neonates rather than males	F
7.	For the diagnosis of typhoid fever the organism had seen in the stool then it present in the blood	F
8.	In case of affection by thyrotoxicosis there a higher decrease in metabolic rate	F
9.	children with down syndrome more susceptible to have hyperthyroidism	T
10.	In sickle cell anemia, RBCs contain normal hemoglobin that causes the cells to have a sickle shape.	F
11.	Patent ductus arteriosus is failure of patent ductus arteriosus closure after birth	(t)
12.	Clubbing of fingers and toes symptoms are common in Tetrology of Fallot	(t)
13.	Informal communication is a line of communication for the transmission of official message & information within or outside the organization T F	
14.	Adolescence is period of slow physical growth when secondary sex characteristics appear. It ends when somatic growth is completed	
15.	The newborn take the first breath to make expand of the lung at 20 second	

III- Regarding neonatal reflexes matching the suitable answer in column A with column B (5 marks)

Column A	Column B
1-Startle	A- Infant grasps any object put in the hands firmly enough to hold body weight, relaxes
2-Tonic neck	B- Sudden pain, cold, hunger cause air to through vocal cords
3-Grasping	C- Eyelids close and open when stimulated by touch
4-Eye blinking	D- Sudden stimulus causes arms to fly out ad up. Tremble and slowly relax.
5-Crying	E- At stimulation of uvula, the esophagus open
	F- As the head is turned, the arm and leg on the same side will extend, while the opposite limbs bend.

١	٢	٣	٤	٥
d	f	a	c	b

IV-Write scientific term: (٥ marks)

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١. **RBCs**contain protein hemoglobin. This iron-rich protein gives blood its red color and carries oxygen from the lungs to the rest of the body.
٢. **Intussusception** is an invagination or telescoping of one portion of the intestine into another.
٣. **Tracheoesophageal fistula** They are rare malformations that represent a failure of the esophagus to develop as a continuous passage.
٤. **Cerebral palsy**is defined as any non –progressive central motor deficit, dating to events in the prenatal, natal or neonatal period.
٥.**Constraints stage**.....Child views every act as wrong or right, he believes that everyone shares his view.

V- Give scientific reason: (٦ marks)

١. **In hydrocephalus, usually keep child flat in bed for ٢٤ hours.**

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The sudden elevation of the head of the bed may cause fluid to drain too rapidly from the shunt, shrinking the ventricle causing cortex to pull away from the meninges and resulting in subdural hematoma.

- ٢- **Undescended test more common in preterm than full-term**

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In fetal life the testes are in the abdomen but they should descend into the scrotum in the ٨th month of fetal life,

- ٣- **Marasmus is a state of under-nutrition characterized by progressive loss of weight**

.....

due to severe deficiency of proteins, fat and carbohydrates (inadequate calories intake).

VI- Complete the Following:

(14 marks)

1- Enumerate five specific preventive measures of kwashiorkor:

- a-
- b-
- c-
- d-
- e-

- 1- Providing diet containing an adequate quantity of protein.
- 2- Prolonged breast feeding.
- 3- An adequate diet for children during acute disease.
- 4- Breaking down bad feeding habits.
- 5- Early detection of cases of protein energy malnutrition and early adequate treatment of these cases.

2- List five of major manifestation of rheumatic fever:-

- a.
- b.
- c.
- d.
- e.

3- Enumerate types of child's rights:

- a.
- b.

4- The Application of nursing informatics in nursing practice includes the following

- a.
- b.

Good Luck

Pediatric Nursing Department