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Pediatric Nursing Department
Model Answer of Final Term Pediatric Nursing Exam
2nd Semester
Academic Year 2018/2019

I. Choose the correct answer: (35 marks)

1. Which assessment findings is not related to a preterm newborn:
 - a. Long nail
 - b. Soft ear pinea
 - c. Vernix caseosa cover whole body
 - d. Low birth weight
2. Which assessment finding is not associated with a newborn of a diabetic mother:
 - a. Hypoglycemia
 - b. Hyperglycemia
 - c. Fluffiness on face
 - d. Large baby
3. Which characteristics feature is not seen in pathological jaundice in a newborn:
 - a. Appears within first 24 hours
 - b. Always treatment required
 - c. Bilirubin encephalopathy may seen
 - d. Never appears within 24 hours of birth
4. Age of disappearance of rooting reflex is:
 - a- 3 to 4 weeks
 - b- 3 to 4 years
 - c- 3 to 6 months
 - d- 2years
5. The normal suction pressure for suctioning to a preterm baby is:
 - a. 40 - 60
 - b. 60 - 80
 - c. 80 - 100
 - d. 100 - 110
6. All the following are early manifestations of congenital hypothyroidism **EXCEPT**:
 - a. Increase birth weight
 - b. Lethargy and poor feeding
 - c. Hypotonia
 - d. Hypothermia

7. Which of the following is a possible indicator for Tetanus Neonatorum:
- Erythematous papules on the skin
 - Stiffness of the neck.**
 - Fever and anorexia
 - Hypothermia and decrease activity level
8. Which statement is not care of an infant with oral thrush?
- Each infant should have his own feeding equipment.
 - Cleanliness of all feeding articles which enter infant's mouth.
 - Mouth care after feeding.
 - Removing patches on the tongue and mucus membrane**
9. Chest indrawing, nasal flaring and grunting are the features of:
- Pertussis
 - Mumps.
 - Chicken pox
 - Pneumonia**
10. Which vitamin is helpful in promoting intestinal absorption of calcium and phosphorous?
- Vitamin - A
 - Vitamin - D**
 - Vitamin - C
 - Vitamin - K
11. Recommended daily requirement of vitamin C in a full term infant is about?
- 10 mg /day
 - 20 mg /day
 - 30 mg /day**
 - 50 mg /day
12. A mother of a 3-year-old tells a clinic nurse that the child is constantly having temper tantrums. The nurse most appropriately tells the mother to:
- Punish the child every time the child says "no", to change the behavior
 - Allow the behavior because this is normal at this age period
 - Set limits on the child's behavior and not given extra attention**
 - Ignore the child when this behavior occurs
13. Which of the following clinical manifestation of parasitic enteritis:
- Diarrhea is sever or bloody and fever is above 38c°.
 - Diarrhea is usually watery, not sever and fever is below 38c°.
 - Diarrhea is usually watery foul smelling but fever absent.**
 - Diarrhea is sever or bloody.
14. All the following are benefits of physical exercises for diabetic children EXCEPT:
- Improves the child well being
 - Increase insulin requirements**
 - Improve circulation
 - Strengthening social relationships

15. Which of the following clinical picture disappears in 2nd week of child with typhoid fever?
- Abdominal distension
 - Skin rashes
 - Headache
 - Fever
16. One of the following stage children gains muscular coordination, which enables them to explore the physical environment.
- Infant
 - Toddler
 - Preschool
 - School
17. A clinic nurse assesses the communication patterns of a 6 month old infant, she determines that the infant is demonstrating the highest level of developmental achievement is expected if the infant :
- Uses simple words such as mama
 - Uses several well-defined syllables
 - Links syllables together
 - Coos when comforted
18. When the nurse observes a 5 month old infant for developmental skills, which of the following skills would concern her if the infant was not demonstrating?
- Sitting with support
 - Grasps objects
 - Follows objects with eyes
 - Hold cup
19. Most important component of Apgar score
- Heart rate
 - Respiratory rate
 - Grimes
 - Skin colour
20. A nurse is assessing a newborn during eye examination, which assessment finding is abnormal about normal pupil ?
- | | |
|------------------------------------------|----------------------|
| a. Equal pupil | b. In round shape |
| c. Both eyes may turn inward and outward | d. Reactive to light |
21. A baby can speak simple sentence at the age of ?
- | | |
|-------------|--------------|
| a. 9 months | b. 12 months |
| c. 2 years | d. 4years |
22. The following are clinical features of Aortic Stenosis, Except:
- Decrease urine output and poor feeding.
 - Fainting , dizziness, epigastric pain

- c. Faint peripheral pulses
 - d. **Obstruction of femoral artery**
- 23. Which statements is right about cephalo-haematoma?**
- a. can cross suture line
 - b. Always present at birth
 - c. Occurs due to improper venous drainage
 - d. **Can't cross suture line**
- 24. Risk factors of leukemia include:**
- a. Exposure to high amounts of radiation
 - b. Exposure to chemicals such as benzene
 - c. Genetic problems such as Down syndrome
 - d. **All of the above**
- 25. Acne vulgaris is usually relieved as adolescence is completed about**
- a-25 years of age
 - b-20 years of age**
 - c-15 years of age
 - d-21 years of age
- 26. Which statement is accurate regarding the reason premature infants develop neonatal respiratory distress syndrome?**
- A. **the alveoli lack surfactant**
 - B. the lungs lack ability to absorb oxygen
 - C. the lungs cannot remove CO₂ from the blood
 - D. immature lungs
- 27. All of the following considered predisposing factors for juvenile diabetes mellitus EXCEPT:**
- a. Auto immune.
 - b. Hard exercise**
 - c. Viral infection
 - d. Physical inactivity
- 28. All the following are clinical manifestation of Hyperthyroidism EXCEPT:**
- a. Protein anabolism**
 - b. Insomnia
 - c. Nervousness
 - d. Irritability & psychic disorders
- 29. The role of the peer group in the life of school-age children is that it?**
- a. Gives them an opportunity to learn dominance and hostility
 - b. Allows them to remain dependent on their parents for a longer time.
 - c. Decreases their need to learn appropriate sex roles.
 - d. Provides them with security as they gain independence from their parents**
- 30. Nurse is planning education program for sickle cell disease in children; which of the following interventions would be included in the care plan?**

- a) Health teaching to help reduce sickling crises
- b) Avoidance of the use of opioids
- c) Administration of an anticoagulant to prevent sickling
- d) Observation of the imposed fluid restriction

31. Which of the following disorders results from a deficiency of factor VIII?

- a. Sickle cell disease
- b. Christmas disease
- c. Hemophilia A
- d. Hemophilia B

32. The newborn increases his length (double birth length) at the age of ?

- a- 2 years
- b- 4 years
- c- 6 years
- d- 1 years

33. Red flag in school age:

- a- school failure
- b- lack of friends
- c- Aggressive behavior
- d- All the above

34. All of the following are signs and symptoms of otitis media, except:-

- a. Tendency to rub, holds or pull affected ear.
- b. Rolls head from side to side.
- c. Cyanosis
- d. Difficulty in comforting the child.

35- Clinical finding would indicate a toxic dose of digoxin, except:-

- a- Bradycardia
- b- Vomiting and diarrhea.
- c- Dysrhythmias
- d- Tinnitus and nuchal rigidity

II- True or false questions: (5 marks)

N	Statement	T/F
1.	Intussusception is an invagination or telescoping of one portion of the intestine into plural cavity.	F
2.	Candida Albicans is organism responsible for the development of Ophthalmia Neonatorum.	F
3.	If the newborn is choking, coughing, sneezing and vomits after feeding is a sign of esophageal Artesia	T
4.	Nurse attitude is most important factor in the emotional atmosphere during hospitalization.	T
5.	Renal failure is inflammation of the glomeruli of the kidneys resulting from immune injury.	F

III: Match the true ones in column (A) with the appropriate one in column (B): (5 marks)

A	B
1- Wilm's tumor	a. Non-progressive, non-fatal, non-curable
2- Hodgkin's disease	b. Result from congenital hyperthyroidism
3- Cerebral palsy	c. Widespread Petechiae appear
4- Leukemia	d. A state of impairment of intelligence
5- Mental retardation	e. Painless enlargement of one or more cervical lymph nodes without symptoms
	f. It develops from abnormal tissue in the embryo, beginning to grow before or after the infant is born

1.	2.	3.	4.	5.
F	e	a	C	d

III-Write scientific term: (10 marks)

- 1- **Intestinal perforation** sudden acute abdominal pain due to ulceration of the bowels.
- 2- **Sickle cell anemia** is an inherited disorder and considered a quantitative disease.
- 3- **Tetralogy of Fallot** is a case in which cyanosis usually develops few months after birth.
- 4- **Asthmatic** is characterized by recurrent paroxysms of an expiratory type of dyspnea with wheezing and generalized obstructive emphysema.
- 5- **Pediatric nephrotic syndrome** is defined by the presence of hyperlipidemia and hypoalbuminemia.
- 6- **Children's rights law** defined as the point where the law intersects with a child's life.
- 7- **Rheumatic fever...** results from an auto immune process complicating group A. beta hemolytic streptococcal pharyngitis.
- 8- **Transposition of the great arteries** is a condition in which the pulmonary artery leaves the left ventricle and the aorta exists from the right ventricle.
- 9- **Marasmus** is a chronic state of under-nutrition characterized by progressive loss of weight.

- 10- **Acute nasopharyngitis** it is an infectious invasion of the lymphatic tissue called the faucial located on either side of the pharynx.

IV: Give scientific reason: (5 Marks)

1. In hydrocephalus, usually keep child flat in bed for 24 hours.

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.

2-Pseudo-paralysis in scurvy: The subperiosteal hemorrhage is first feature, then the child complain from tenderness, and painful swelling surround the lower ends of both thighs. subsequently the legs and the arms are affected and the child lies in the froglike posture, unwilling to move the affected limbs, which appear as paralysed.

3- Kyphosis in rickets : due to weakness of sacrospinalis muscle and relaxation of ligaments.

4- Fatty liver in kwashiorkor result from a combination of increased flux of fatty acids from adipose tissue together with decreased hepatic synthesis of beta lipoprotein which normally transport triglycerides, phospholipids and cholesterol from the liver.

5- Cleft palate repair is generally postponed until later: to take advantage of palate changed that take place.

V- Completes the following :- (5 marks)

1. List three guidelines to improve communication:

1-speak in a normal one

2-do not raise your voice or shout

3-realize that speaking more loudly does not increase comprehension

4-speak to the client on an adult level

5-remember that impaired communication does not indicate impaired intelligence

6-avoid carrying on more than one conversation at a time

7-ask simple question that require simple answers

8-keep the atmosphere quiet and relaxed

9-reduce or eliminate environmental noises

10-make sure you have the clients attention before you speak

11-maintain eye contact with the client throughout the conversation

12-assume clients can understand you do not discuss their cases or other

2. List three immediate nursing intervention of tonsillitis

❖ *Immediate*

- Warm saline gargles.
- Apply hot or cold packs to neck area.
- Avoid hot foods or liquid administer cool, bland liquid only.
- Administer antipyretic as prescribed.
- Give patient sponge bath with tepid water as needed for fever.
- Have patient drink fluids as tolerated.
- Observe for signs of penicillin allergy such as increased heart rat, increased respiratory rate, decreased BP, skin rash, difficulty breathing.
- If surgery is planned, prepare child and parents.

3. List three causes of drug abuse in adolescents period:

- 1- Due to general breakdown in communication among people.
- 2- Lack of love, security, values, guidance.
- 3- Failure to develop sense of identifies, to escape from reality.
- 4- Feeling of rejection from family and friends.
- 5- For the comfort and pleasure it gives.

4. List three goal of nursing informatics

- 1-Using technology in the direct provision of care;
- 2-Establishing administrative systems;
- 3-Management and delivering educational experiences;
- 4-Supporting life-long learning.
- 5-Supporting nursing research

A right is an entitlement: it entails a legal obligation by government and other duty bearers for its provision and protection. List three main child rights.

- 1)The right to grow up free, safe and healthy
- 2) The right to a name and nationality
- 3) The right to have somewhere to live, to healthy food, and medicine when we are unwell
- 4) The to get special help if we are disabled in any way
- 5) The right to be loved and looked after

- 6) The right to a free education
- 7) The right to play
- 8) Should not be forced to go to work instead of school
- 9) Should be protected from practices which may foster racial, religious and any other form of discrimination
- 10) Should be brought up in tolerance, a spirit of understanding, friendship among people, peace and universal brotherhood.

Situation: (5 Marks)

A ten years old child presenting hospital by; grossly bloody urine, preorbital edema, fever, and headache. Answer the following questions:

The child's medical diagnosis: **Acute glomerulonephritis**

The diagnostic investigations are:

Urine analysis (heavy hematuria and variable proteinuria.)

Blood count and platelet (anemia is usually present)

renal function tests,

plasma electrolytes, bicarbonate, urea, creatinine, serum albumin and total protein levels.

Nursing care:

- Bed rest should be maintained
- The child must be protected from contact with people with infections.
- Urinary output should be monitored closely and recorded.
- The child must be weighed daily at the same time on the same scale in the same clothes.
- Fluid intake should be carefully recorded; special attention is needed to keep the intake within prescribed limits.
- Blood pressure should be monitored regularly using the same arm. If hypertension develops, a diuretic may help reduce the blood pressure to normal levels.

The urine must be tested regularly for protein and hematuria

Good Luck

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