

NATIONAL NEONATOLOGY FORUM

NNF NURSING FELLOWSHIP EXAMINATION THEORY PAPER -1

BASICS of NEONATOLOGY

OCTOBER 2021

Max marks 75

- Attempt all questions in order.
 - Each question carries 5 marks.
 - Read the question carefully.
 - Answer to the point neatly and legibly.
 - Do not leave any blank pages between two answers.
 - Indicate the question number correctly for the answer in the margin space.
 - Answer all the parts of a single question together.
 - Start the answer to a question on a fresh page or leave adequate space between two answers.
1. What should be the alarm limits set on the pulse oximeter? List 2 risks to the baby, if excess oxygen is used? List 2 causes of wrong reading on pulse oximeter? (1+2 +2)
 2. 2 days old baby has bilirubin value of 22 mg / dL. List 3 points to ensure optimal phototherapy. List 2 major morbidities if baby develops kernicterus. (3 +2)
 3. What are the vaccines given at birth of a baby? What diseases are prevented by these vaccines (3) Describe the route, site, size of needle for BCG vaccine (2)
 4. What is CLABSI? List 4 important nursing aspects for prevention of CLABSI (1+4)
 5. One important side effect of these medications (5)
 - a. Amikacin
 - b. Caffeine
 - c. Phenobarbitone
 - d. Steroids (dexamethasone) for BPD
 - e. Chlorhexidine hand rub
 6. What conditions require isolation in NICU. List any 3 definite conditions (3). List 2 important components of universal precautions (2)
 7. A baby becomes sick on ventilator, saturation falls to 50 % and heart rate to 60 bpm. Write the sequence of actions to be taken (5)
 8. A COVID positive mother is in active labor. Write the steps to be taken at delivery and after birth in taking care of the baby. (5)

9. Why is vitamin k given to all newborn babies? what is the dose? List 3 components of safe injection practice(2 +3)
10. List 2 drugs that have high risk of injury if extravasated. What is VIP score. Actions to be taken to prevent extravasation. (2+1 +2)
11. List 5 important aspects in occupational hazard safety for neonatal nurses (5)
12. List 5 important long term consequences of extreme preterm birth (5)
13. You are preparing to travel for transport of a sick neonate. List important equipment to be checked before leaving for transport and documentation before returning with the baby (2.5 +2.5)
14. How can we reduce noise in the NICU (5)
15. Write a quality initiative to improve KMC hours in your NICU (5)