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)