



## **NNF Neonatal Nurse Fellowship Examination – October, 2019**

Name: \_\_\_\_\_

Roll No \_\_\_\_\_

Paper I- Neonatology - (50 Marks)

Total Duration: 90 minutes

1. What is Human milk banking.  
Briefly write expression, handling and storage of human milk in neonatal nursery. (2+4)
2. Discuss the biomedical waste segregation guidelines in India.  
As a Nurse Incharge of NICU what are the important components of housekeeping you shall monitor. (3+3)
3. A 29 week , 1.1 kg baby is receiving bubble CPAP on day 2 of life. Discuss the nursing care components of this baby. 5
4. Enumerate: (2x3=6)
  - A .Special requirements of preterms during resuscitation at birth.
  - B .Different grades of hypothermia
  - C .Sequence of initial Steps of resuscitation
5. What is the expected normal weight loss in immediate post natal period in following:  
Full term appropriate for gestational age babies  
Full term intrauterine growth retarded babies  
Preterm-AGA babies (1X3=3)
6. Write very briefly: 2x5=10
  - A .Potential benefits of topical oil applications to growing pretem in NICU.
  - b. Preparation for venepuncture
  - c. Potential benefits of Kangaroo mother care to baby

d. Immediate measures to be undertaken if a term 2kg baby has a Capillary Refill Time of 6 seconds. Her temperature is normal.

e. Preparations before ophthalmic evaluation for ROP

7. What are the normal biochemical values (range) of following parameters in a newborn: (4 marks)

- i. Serum Calcium (mg/dl)
- ii. Arterial pH
- iii. Serum potassium (mEq/L)
- iv. Serum Sodium (mEq/L)

8. a. Define Respiratory distress in neonate and enumerate 5 causes of respiratory distress in early neonatal period. (2.5+ 2.5)

b. Name the various low flow & high flow modes of delivery of oxygen to a baby.

9. A 1350 g, 30 week gestational age baby needs referral to another well equipped center, write what are the standard guidelines to be followed before & during transport. 5