CASE STUDY: NEWBORN

Please write out the answers to the following and hand in before your rotation in the nursery:

1. Briefly describe the pathophysiology involved in normal physiological jaundice.

2. Perform a head-to-toe assessment and the estimate of gestational age on a newborn.

3. Describe the rest/activity pattern for the normal newborn: first 24 hours, first month

4. What is PKU? Describe the test for it. When must it be done? What other lab tests might be ordered?

5. Briefly describe the physiological changes which occur in the neonate in adjustment to extrauterine life for these symptoms: (head-to-toe assessment)
   - respiratory:
   - circulatory:
   - gastrointestinal:
   - (other systems as instructed):

7. Explain the procedure for administration and the nursing implications of each of the above.

8. From an assessment completed on a newborn, make a care plan from birth including: nursing diagnoses, goals/expected outcomes, and specific nursing actions to meet the basic human needs: hygiene, safety, rest and activity, nutrition, elimination, psychosocial, oxygen, or other priority problems. Include a copy of your newborn admission, nurse’s notes, Apgar, and maturational assessment of gestational age.