1. The newborn’s results for a cord blood are as follows: A positive with a positive DAT. The mother’s type and screen results were O positive and antibody screen negative. What type of elution should be performed?
   a. Acid elution  
   b. Basic elution  
   c. Lui elution  
   d. Ion elution

2. Based on the information in #1, what types of antibody(s) may be found in the elution? Select all that apply.
   a. Anti-A  
   b. Anti-B  
   c. Anti-D  
   d. Anti-A,B  
   e. Anti-Fy^a  
   f. None of the above

3. The newborn’s results for a cord blood are as follows: B positive with a positive DAT. The mother’s results are AB positive and antibody screen positive. What type of antibody(s) may be found in the elution? Select all that apply.
   a. Anti-A  
   b. Anti-B  
   c. Anti-D  
   d. Anti-A,B  
   e. Anti-Fy^a  
   f. None of the above

4. The newborn’s results for a cord blood are as follows: B positive with a positive DAT. The mother’s results are O negative and antibody screen positive. What type of antibody(s) may be found in the elution? Select all that apply.
   a. Anti-A  
   b. Anti-B  
   c. Anti-D  
   d. Anti-A,B  
   e. Anti-Fy^a  
   f. None of the above

5. The newborn’s results for a cord blood are as follows: A positive with a positive DAT. The mother’s results are A positive and antibody screen negative. What type of antibody(s) may be found in the elution? Select all that apply.
   a. Anti-A  
   b. Anti-B  
   c. Anti-D  
   d. Anti-A,B  
   e. Anti-Fy^a  
   f. None of the above
6. For each of the above cases state the ABO/D type needed for transfusion.

   a.
   b.
   c.
   d.

7. List below special requirements for election of units for exchange transfusion.

   a. ABO type
   b. Compatibility testing
   c. Special antigen typing
   d. CMV status
   e. Sickle cell status
   f. Age of donor unit