Blood Quiz 1 review Sheet

Blood – what is it? What is in it? Be able to list things found in your blood

Why is blood important to police and forensic serologists?

What are leukocytes, erythrocytes and thrombocytes?

Blood types – AB, A, B, O

1. What genes can you have for each blood type?
2. What antigens are on the red blood cells for each blood type?
3. What antibodies are circulating through the bloodstream?
4. How can agglutination tell you the blood type of a person?
5. What type of blood can each individual receive? (Blood transfusion etc.)
6. What type of blood can be given to anyone (universal donor)?
7. Who can take almost any kind of blood (universal acceptor)?
8. What does the + and – for blood type refer to?
9. Can you determine parental relationships given blood types?

Blood collection – How do you collect blood evidence? Be able to describe what you SHOULD do when bagging and tagging bloody evidence. What do you have to be careful about?

Blood detection – When would you use luminol at a crime scene? When would you use phenolphthalein?

How do you do a phenolphthalein test? How do you know when the test is positive for blood?

How do you do a luminol test? Why does it glow? What is this called?