

1. In a microscopic slide of a blood smear treated with Wright's stain, you see a small round-ish anucleate cell with fairly evenly stained cytoplasm. Out of the following options, what is the cell's most likely identity?
 - a. Mouse erythrocyte
2. Where is most of the erythropoietin produced and released?
 - a. Kidney
3. Congenital amegakaryocytic thrombocytopenia is a rare genetic disease in which infants show a very low count of megakaryocytes. Out of the following, which symptoms are likely associated with this disease?
 - a. Easy bruising and bleeding
4. Which of the following is NOT part of the normal local homeostatic response to blood vessel injury?
 - a. Vasodilation
5. Which of the following diseases does a patient most likely suffer from if their hematocrit is as high as 80% and their blood volume is doubled?
 - a. Polycythemia vera
6. In which of the following does the elastic tunica externa make the largest contribution to wall thickness, while the contractile tunica media is relatively thin?
 - a. Vein
7. In which type of systemic blood vessels does the steepest drop in blood pressure occur?
 - a. Arterioles
8. What determines mean arterial pressure?
 - a. $\text{Total Peripheral Resistance} \times \text{Cardiac Output}$