**Post-Lab Quiz**

1. **State the principle of the erythrocyte sedimentation rate (ESR).** (2 points)
2. **How do you measure the ESR rate?** (2 points)
3. **List three factors that may affect the ESR.** (1.5 points)
4. **Describe the three stages that occur during the sedimentation rate.** (1.5 points)


8. **State the clinical significance of the ESR.** (5 points)
9. **List the diseases/conditions that may have higher-than-normal ESR results.** (4 points)
10. **List the diseases/conditions that may have lower-than-normal ESR results.** (4 points)

**For the following three questions, you may use Internet research to prepare your answers.**

1. **Explain why the erythrocyte sickle shape lowers the erythrocyte sedimentation rate?** (10 points)
2. **Discuss why fibrinogen and immunoglobulins increase the erythrocyte sedimentation rate?**(10 points)

**10. Discuss why anemia increases the erythrocyte sedimentation rate?** (10 points)