

## Medical Laboratory

1. Describe the blood types and their percentage found in the population.
2. What is the Rh factor?
3. Describe the diseases that each unit of blood is screened for after donation.
4. Explain the difference between a biopsy, smear, fluid tissue samples.
5. Describe the safety precautions practiced in the laboratory and during specimen collection.
6. How much must a blood donor weigh?
7. How much blood is collected for each donor unit?
8. What is the purpose of an anticoagulant?
9. What is the purpose of staining tissue?
10. Define the following:
  - retic count
  - Diff
  - ESR
  - Hgb
  - HbS
  - Hct/Crit
  - MCV
  - MCH
  - RBC
  - sed rate
  - WBC
11. Distinguish between logging, dehydration, and mounting.
12. Explain the educational requirements and licensure differences between a cytologist, histologist, and pathologist.
13. Describe the machine used for cutting tissue into very thin strips.
14. Describe the process for processing fresh frozen tissue for cancer diagnosis.
15. Describe the method of preparing exfoliated cells for cancer diagnosis.