

Date: \_\_\_\_\_

[illegible]

- 3. Middle age, splenomegaly, asymptomatic, predominantly mature basophils/metamyelocytes
- 6. Marker indicative of ALL
- 10. Elderly, B-cell neoplasm, asymptomatic
- 11. Massive splenomegaly, pancytopenia; TRAP+
- 13. Unregulated WBC growth in bone marrow
- 15. Typically asymptomatic, pt found to have significantly elevated WBC (acute vs chronic)
- 16. Tyrosine Kinase inhibitor; Treats CML

## 20. PMN predominant

1. Cells found on peripheral smear in CLL
2. Common presentation of AML
4. Name of new chromosome in CML (hint: Liberty bell)
5. How one confirms leukemia diagnosis
7. Location of tumor burden in leukemia
8. Chromosomal abnormality associated with ALL
9. Lymphocyte predominant

**14.** Symptomatic with signs of pancytopenia: fatigue, pallor(anemia); bleeding gums, petechia (thrombocytopenia); recurrent infections, fever (low mature WBCs) (acute vs chronic)

**17.** Pediatrics, LAD, fatigue, bleeding, bone pain

**19.** Mid-older age, predominantly immature myeloblasts, h/o alkylating chemo, radiation exposure