More on blood

Females have 42-25% hematocrit
Reticulocyte count- contains Mature Red Blood Cells (RBC)
Hemoglobin carries oxygen (O2) from lungs to tissues and exchange from Carbon.
98% of protein are RBC which gives the color, (4 irons + 1 oxygen)
low supply of hemoglobin = not enough RBC production

Normal specific gravity 2-3
copper sulfate solution = 1.052 to 1.054

Hemacrit testing-
red tubes that contain Heprin (thinner), Blue tube already contains an anticoagulant.

Hemacytometer- blood cell counts are generally performed in
Glass slides = reusable
plastic slides = disposable and cost more.

Using a by hand hemacytometer, you have on 10 mins to count all RBC, other wise you repeat entire process.
to do the math, White blood cells (WBC) 10 x platelets, Red blood cells (RBC) 40 x Platelets
If both sides are off by 10% you must redo the entire process once again.