Subject: hematology Lab

Semester: MLT 2nd

Name : Muhammad Hamza

I'd : 16807

B.s. MLT 2nd samester

Explain the following.

Leukopenia

* Leukopenia from Greek leukes meaning white and penis meaning deficncy is a disease in thê number of leukoyþs found in the blood they are the white blood cell are the body primary defence against infection the
* Lymphocytosis

Which lymphocyte count is an increase in white blood cell called lymphocytosis lymphocyte help fight off disease so it normal to see a temporary increase after an infection.

* Lymphopenia.

White blood cell are an important part of the body defence system the then fight infectionand play a role in inflammation as well as in allergic reaction lymphoatic system.

Basophilia

* Is the condition of having great the 200 baseophilia ul in the venous blood basophils are the last numerous of the myelogne cell and it is they for their numbers to be abnormally highly without changes to other blood component.

Nutrophelia

* Is an increase in circulating neutrophils above that expected in a hèutrophils above there expected in a healthy individual at the same age sexrace and physiological status
* Turbombocytosis is a condition in which there is an excessive bomber of platelets in blood platelets are blood cell in plasma that stop bleebing by sticking to from a certain conditions including stroke heart attack or a clothe in blood calls

Thrombocytosis

* Is a condition in which you have a low a condition in which you have a low blood plaleet count plaleler a low blood platelets count platels cell the help blood clothe platels stop bleeding by clumping and forming pulsing In blood vessel injuries.

Polycythemia

* Polyctheamiaor polyglobulla is a diseamiaor is a disease state in which the hematocrit the volume perphereal blood.

Anemia

* Is a condition in which you lack enough red blood cell to carry adequate oxygen to you body tissue Having anaemia can make you fell tired and weake there are many form of anemia each with its own cause.

Leukemia

* Leukopenia is cancer of the body blood forming tissues Including the bone marrow and lymphatic system. Many types of leukemia exist some from of leukopenia are comman from of leukopenia exist inchidren.

Reticolocytosis

* Is a condition where there is an increase In reticulcy immature red blood cell to is commonly seen in arena they are seen on blood films when the bone marrow is highly active attempt to replace red blood cell lass such as in heamolylica anaemia heamorhge.