

SCIT 1408: Study Guide Outline of Laboratory Modules

Lab #5

Note: This list of modules contains all the structures you are to know for lab quizzes and practical exams. It is also an excellent study guide for lecture exams.

* *Starred items are found in the text book, but not in the lab manual.*

Module 12

Blood

Plasma

Formed elements

Erythrocytes (rbc's)

Leukocytes (wbc's)

Granulocytes

Neutrophils

Eosinophils

Basophils

Agranulocytes

Lymphocytes

Monocytes

Thrombocytes (Platelets)

Module 13

Volume of Packed Red Cells

Hematocrit

Know how to perform the test.

Know the names of equipment and tools used.

Know how to read the results.

Know the significance of the results.

Know normal values for men and women.

Hemoglobin

Module 14

Clotting Time

Know normal clotting time.

Fibrinogen

Fibrin

*Hemostasis

*Blood vessel spasm

*Platelet plug formation

*Coagulation

*Intrinsic

*Extrinsic

*Importance of calcium

Module 15

Blood Typing

Antigen

Antigen A

Antigen B

Antigen D (Rh)

Antibody

Anti-A

Anti-B

Anti-D (Rh)

Antiserum

Agglutination

Know how to perform test

Know how to read results

*Universal donor—be able to explain

*Universal recipient—be able to explain

*Erythroblastosis fetalis (Hemolytic disease of the newborn HDN)

Be able to explain.