

The Blood

Chapter 11

1. Composition of Blood (Pages 241)
 - A. Plasma
 - B. Formed Elements
 - i. Erythrocytes (Red Blood Cells)
 - ii. Leukocytes (White Blood Cells)
 - iii. Platelets

2. Plasma (Page 241)
 - A. Proteins
 - i. Albumin
 - ii. Fibrinogen

3. Erythrocytes (Red Blood Cells) (Pages 242 - 244)
 - A. Hemoglobin (Page 242)
 - i. Structure
 - a. Heme
 - b. Globin
 - c. Iron

ii. Function

4. Erythropoiesis (Page 242 - 243)

Pull out handout

5. Leukocytes (White Blood Cells) (Pages 244 - 247)

A. Basic Function(s)

B. Leukocyte Production

i. Stem Cell (Hemocytoblast)

C. Leukocyte Classifications (Pages 244 - 247)

i. Neutrophils

ii. Eosinophils

iii. Basophils

vi. Monocytes

v. Lymphocytes

vi. Platelets

6. Hemostasis (Pages 249 - 250)

Pull out handout on “Hemostasis”

Do the following on your own:

7. Blood Disorders (Pages 255)

A. Anemia (Page 255)

C. Leukemia (Page 255)

D. Hemophilia (Page 255)

E. Thrombosis (Page 255)