

JH Science Study Guide

Remember, study the entirety of the information. Don't simply study the "easy way" for example, Quizlet. Study to understand the concept not simply memorize information. If I ask questions in a different way that you memorized... oh my!

What do I need to study for this exam?

1. PPT Notes – Chap 19 Circulation, Chap 20 Respiration, Chap 20 Excretory
2. Worksheets – 6a, 6b, 75, 76, 77, 7a, 79, 80, 82, 83, 84
3. Quizlet Sets – Life Chap 19 Diagrams, Terms, Chap 20 Excretory, Chap 20 Respiration
4. CHI Verses – NONE
5. Greek & Latin Terms – NONE
6. Classification – NONE
7. Screencasts – Chap 19 Circulation, Chap 20 Respiration, Chap 20 Excretory

Some possible Essay Questions MIGHT include (but are not limited to):

1. Compare & Contrast the terms Artery, Vein & Capillary.
2. Explain how the blood flows thru the heart
3. Explain the adjective terms Pulmonary, cardiac, cerebral, hepatic and renal
4. What is the function of nasal turbinates ??
5. Compare & contrast the functional units of both the kidney and lungs?
6. How does a nephron filter the blood?

8. Complete the Unit Concept Map:

Circulatory System

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"NTK" Worksheets Diagrams!!

Excretory System

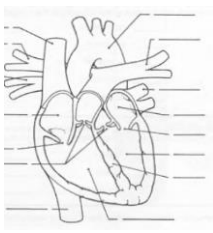
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"NTK" Worksheets Diagrams!!

Respiratory System

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"NTK" Worksheets Diagrams!!

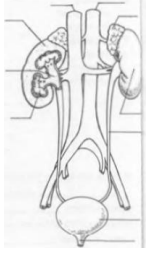


right atrium
left atrium
pulmonary artery
vena cava
aorta

lung
right ventricle
left ventricle
body cells
pulmonary vein

Match the description in Column I with the correct term in Column II.

a. iron-containing molecule in red blood cells	_____ plasma
b. white blood cells which produce antibodies	_____ platelets
c. liquid part of the blood	_____ lymphocytes
d. returns tissue fluid to the blood	_____ antigens
e. cell fragments involved in clotting	_____ fibrin
f. foreign molecules in the body	_____ hemoglobin
g. cancer of the bone marrow	_____ antibodies
h. condition in which the blood cannot carry sufficient oxygen	_____ anemia
i. strands of protein involved in clotting	_____ leukemia
j. react with antigens and inactivate them	_____ lymphatic system



Prophagocytosis granules are to dispose of food that cannot be digested.

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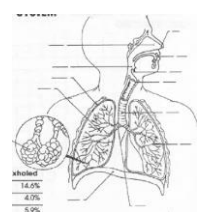
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NTK Sequence to the Blood Flow thru the heart
Inferior & superior Vena Cava, Right Atrium, Tricuspid Valve, Right Ventricle, Pulmonary semilunar valve, Pulmonary artery, lungs, pulmonary vein, left atrium, Bicuspid(Mitral) valve, Left Ventricle, Aortic semilunar valve, Aorta, body, back to Inferior & superior Vena Cava