**Jeopardy questions and answers for instructor only.**

**1. Types of circulation:**

**For 10:**

Question: What is circulation from the heart to the lungs, returning to the heart, called?

Answer: What is pulmonary.

**For 20:**

Question: What is circulation from the heart to heart called?

Answer: What is coronary or cardiac.

**For 30:**

Question: What is circulation from the heart to the rest of the body called?

Answer: What is systemic.

**For 40:**

Question: How is CO2 removed from the body?

Answer: What is exhaled by the lungs.

**For 50:**

Question: Why do we need oxygen?

Answer: What is to create energy.

**2. Heart structures:**

**For 10:**

Question: What is the name of the valve between the right atrium and right ventricle?

Answer: What is tricuspid valve.

**For 20:**

Question: What is the name of the valve that leaves the left side of the heart?

Answer: What is aortic semilunar valve.

**For 30:**

Question: DOUBLE JEOPARDY!! What are the upper chambers of the heart called?

Answer: What is atria or atrium

**For 40:**

Question: Why do ventricles have the thickest muscle walls?

Answer: What is, they do the most work by pushing blood out of the heart.

**For 50:**

Question: What is the name of the valve between the left atrium and left ventricle?

Answer: What is bicuspid or mitral.

**3. Conduction:**

**For 10:**

Question: What is the hearts “pacemaker”?

Answer: What is SA node (sinoatrial).

**For 20:**

Question: True or false, there are four bundle branches.

Answer: What is false, there are only two.

**For 30:**

Question: Which node has a slight pause to allow atria to contract?

Answer: What is AV node or atrioventricular.

**For 40:**

Question: What is the structure that receives stimulus from the AV node?

Answer: What is Bundle of His.

**For 50:**

Question: DOUBLE JEOPARDY!!! What are the structures that receive stimulus from the bundle branches?

Answer: What is Purkinji fibers.

**4. Blood flow:**

**For 10:**

Question: Deoxygenated blood enters the heart from the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Answer: inferior and superior vena cava or just vena cava

**For 20:**

Question: Oxygenated blood enters the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of the heart.

Answer: What is left atrium.

**For 30:**

Question: Why does blood entering the heart need to go to the lungs?

Answer: What is to exchange CO2 for O2.

**For 40:**

Question: Blood leaves the heart through what artery?

Answer: What is aorta.

**For 50:**

Question: Through what valve does blood from the left ventricle pass?

Answer: What is aortic semilunar valve.

**5. Blood types:**

**For 10:**

Question: What is the function of a platelet?

Answer: What is to form blood clots

**For 20:**

Question: Name two leucocytes.

Answer: Any two of these: What is eosinophils, basophiles, monocytes, leukocytes, neutrophils.

**For 30:**

Question: What is the technical term for red blood cells?

Answer: What is erythrocytes.

**For 40:**

Question: RBCs carry a protein called \_\_\_\_\_\_\_\_\_\_\_\_ that allows them to carry oxygen to cells and remove carbon dioxide from cells.

Answer: What is hemoglobin.

**For 50:**

Question: How many days do RBCs live?

Answer: What is 120 days.

Tie breaker final question:

Question: Leukocytes are part of the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ system.

Answer: What is immune system.