

St. Andrews Scots School

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Session: 2025 – 2026
(Worksheet-8)

Class: VII

Subject: Science

**Chapter: Transportation in
Animals and Plants**

Q.1. Define:

- a) Leucocytes
- b) Translocation
- c) Pulse rate
- d) Nephron

Q.2. Fill in the blanks:

- a) _____ blood vessel is only one-celled thick.
- b) _____ valve is present between left atrium and left ventricle.
- c) _____ is the contraction phase of the heart muscles to pump the blood out of ventricles.
- d) _____ instrument is used to hear the lub-dub sound.

Q.3. Answer the following questions in one word.

- a) Name the muscular partition that prevents the mixing of blood.
- b) Which is the receiving chamber of heart?
- c) Which is the largest artery in the human body?
- d) Name a disease caused due to presence of sugar in urine.

Q.4. State whether the following statement is true or false.

- a) Excess of urea and uric acid is an indication of malfunction of kidneys.
- b) Blood platelets help in fighting against disease.
- c) Pulmonary artery bring blood to the kidney.
- d) The food is manufactured in the mesophyll cells of the leaf

Q.5. Short Questions Answers:

- a) Explain with the help of well-labelled diagram circulatory system in humans
- b) What is transpiration? Why it is important?
- c) What are the factors which affect the rate of transpiration?

d) Blood is a fluid connective tissue. Justify.