

CLASS- 5

SUBJECT- SCIENCE

SCHOOL- CARMEL SCHOOL MADHUPUR

LESSON-1 THE HUMAN CIRCULATORY SYSTEM

ANSWER THE FOLLOWING QUESTIONS.

Q.NO.1 Write any five functions of blood.

ANS- Five functions of blood are:

1. It transports oxygen from lungs to the rest of the body
2. It transports carbon dioxide from various parts of the body to lungs.
3. It supplies important nutrients to all cells in the body.
4. It protects our body from infection.
5. It maintains body temperature.

Q.NO.2 Write three ways in which we can keep our heart healthy.

ANS- Three ways in which we can keep our heart healthy are:

1. Avoid taking stress.
2. Do physical exercise such as walking, climbing stairs, etc.
3. Take enough rest and sleep for at least 6-7 hours every night.

Q.NO.3 What are the functions of arteries and veins.

ANS- Functions of arteries and veins are:

Arteries-- Most of the arteries carry oxygen rich blood from heart to other parts of the body, only pulmonary artery carry carbon dioxide rich blood from heart to the lungs.

Veins-- These carry carbon dioxide rich blood towards the heart from the different parts of the body. pulmonary vein is the only vein that carry oxygen rich blood from the lungs.

Q.NO.4 Describe the structure of the heart.

ANS- The heart is a muscular organ located between the lungs. It is divided into 4 chambers - the upper two chambers are called auricles and lower two chambers are called ventricles. The left side of

the heart is separated from the right side to prevent mixing of pure blood with impure blood.

Q.NO.5 What is the fuction of capillaries.

ANS-- capillaries are the sites of transfer of oxygen and other nutrients from the bloodstream to other tissues in the body.