

TRANSPORTATION IN ANIMALS AND PLANTS

Subtopic: Introduction, Circulatory system – Blood, blood vessels.

Section 1

1 Mark T for True or F for False.

1 a. People also die when there is a lack of blood.

1 b. The capillaries join to form arteries that empty into the heart.

2 Choose the correct answer.

Which of the following statements are true?

- a) Blood donation is harmless and painless.
- b) Veins have thin walls that carry blood to flow only to the heart.
- c) Both a and b.
- d) None of the above.

Section 2

3 Fill in the blanks.

Donated blood are stored with special care called as _____.

4 Match the following

4 a. Arteries - carbon dioxide-rich blood from other parts of the body to heart.

4 b. Veins - oxygen-rich blood from heart to other parts of the body.

Section 3

Answer the questions in brief.

5. Differentiate pulmonary artery and pulmonary veins.

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6. What are the types of blood vessels?

7. Compare red blood cells and white blood cells.

8. Define Blood.

Section 4

Answer the questions in detail.

9. What happens when you get a cut on your body? How does the blood carry various substances? Explain in detail.

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10. Explain about the circulatory system along with its schematic diagram in detail. Also explain about the Blood Donation.
