



BIOLOGY

NCERT - NCERT Biology(HINGLISH)

TRANSPORTATION IN ANIMALS AND PLANTS

Exercise

1. Match structures given in Column I with functions given in Column II.

Column I

- (i) Stomata
- (ii) Xylem
- (iii) Root hairs
- (iv) Phloem

Column II

- (a) Absorption of water
- (b) Transpiration
- (c) Transport of food
- (d) Transport of water
- (e) Synthesis of carbohydrates



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2. Why is transport of materials necessary in a plant or in an animal? Explain.



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3. What will happen if there are no platelets in the blood?



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4. What are stomata? Give two functions of stomata.



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5. Does transpiration serve any useful function in the plants? Explain.



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6. What are the components of blood?



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7. Why is blood needed by all the parts of a body?



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8. What makes the blood look red?



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9. Describe the function of the heart.



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10. Why is it necessary to excrete waste products?



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11. Draw a diagram of the human excretory system and label the various parts.



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Exercise Fill In The Blanks

1. The blood from the heart is transported to all parts of the body by the_____.



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2. Fill in the following blanks with suitable words :

Haemoglobin is present in blood cells.

A. White

B. Red

C. Both (a) and (b)

D. Platelets

Answer: B



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3. Fill in the following blanks with suitable words :

Arteries and veins are joined by a network of

.....



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4. The rhythmic expansion and contraction of the heart is called _____.

A. Pulse Rate

B. Heart Beat

C. Pulse

D. Movement

Answer: B



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5. Fill in the following blanks with suitable words :

The main excretory product in human beings is

A. Uric acid

B. Ammonia

C. Urea

D. None of the above

Answer: C



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6. Sweat contains water and _____.



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7. Kidneys eliminate the waste materials in the liquid form called _____.



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8. Water reaches great heights in the trees because of suction pull caused by _____.



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Exercise Choose The Correct Option

1. In plants, water is transported through

A. xylem

B. phloem

C. stomata

D. root hair

Answer:



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2. Water absorption through roots can be increased by keeping the plants

A. in the shade

B. in dim light

C. under the fan

D. covered with a polythene bag

Answer:



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