



BIOLOGY

BOOKS - PSEB

Life process

Exercise

1. The kidneys in human beings are a part of the system for

A. nutrition

B. respiration

C. excretion

D. transportation

Answer:



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2. The xylem in plants are responsible for:

A. transport of water

B. transport of food

C. transport of amino acid

D. transport of oxygen

Answer:



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3. The autotrophic mode of nutrition requires:

A. carbon dioxide and water.

B. chlorophyll

C. sunlight

D. all of the above

Answer:



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4. The breakdown of pyruvate to give CO_2 water and energy takes place in

A. cytoplasm

B. mitochondria

C. chloroplast

D. nucleus

Answer:



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5. How are fats digested in our bodies? Where does the process take place?



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6. What is the role of saliva in the digestion of food?



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7. What are the necessary conditions for autotrophic nutrition and what are its byproducts?



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8. What are the differences between aerobic respiration and anaerobic respiration ? name some organisms that are anaerobic mode of respiration?



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9. How are alveoli designed to maximise the exchange of gases?



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10. What would be the consequences of a deficiency of haemoglobin in our bodies?



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11. Describe double circulation in human beings. Why is it necessary?



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12. What are the differences between the transport of materials in xylem and phloem?



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13. Compare the functioning of alveoli in the lungs and nephrons in the kidneys with respect to their structure and functioning.



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