



BIOLOGY

BOOKS - ICSE

RESPIRATORY SYSTEM IN HUMANS

Exercises Tick The Most Appropriate Answer

1. The products of respiration are

A. carbon dioxide and oxygen.

B. oxygen and energy.

C. carban dioxide, water and energy.

D. carbon dioxide, oxygen and energy.

Answer:

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2. Glucose is oxidized to produce ethyl alcohol

during

A. excretion.

B. aerobic respiration.

C. anaerobic respiration.

D. photosynthesis.

Answer:

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3. Inside the chest, the trachea divides into

two branches called

A. bronchi.

B. bronchioles.

C. bronchus.

D. alveolus.

Answer:

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4. During inspiration, the diaphragm

A. moves up.

B. moves down.

C. remains at its position

D. moves up and down.

Answer:



5. Exhaled air contains

A. more carbon dioxide.

B. more oxygen.

C. more nitrogen.

D. more hydrogen.

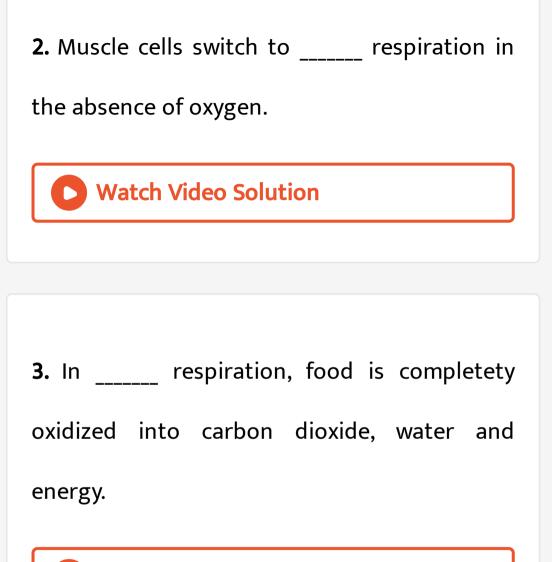
Answer:

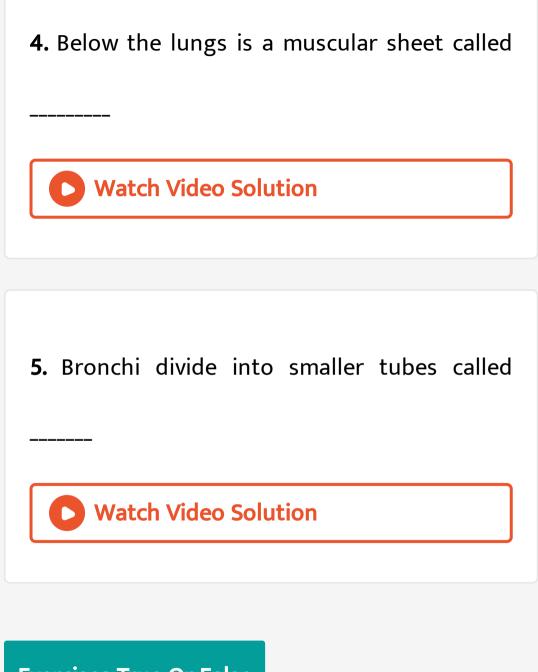
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Exercises Fill In The Blanks

1. The two types of respiration are _____ and







Exercises True Or False

1. The oxidation of food to release energy and

water is called breathing.



2. Anaerobic respiration takes place in our

bones when there is a shortage of oxygen.

3. The microscopic air sacs present in the

lungs are called alveoli.

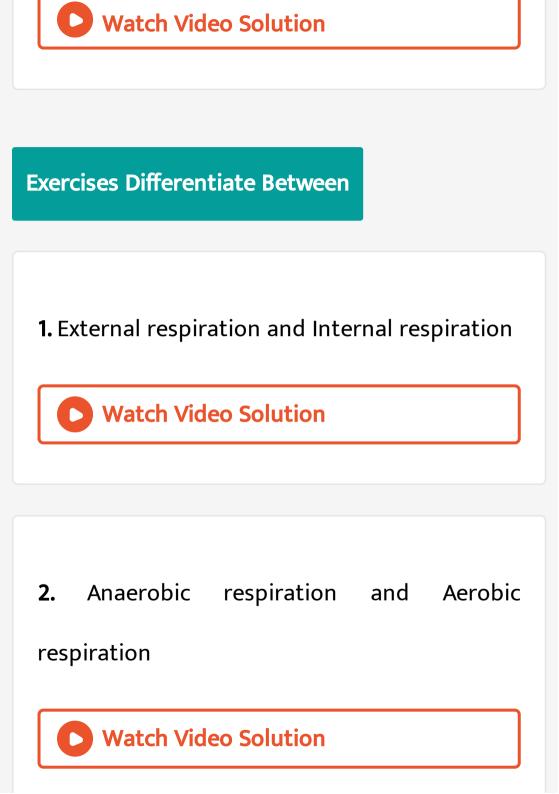
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4. The movement of ribs and diaphragm plays

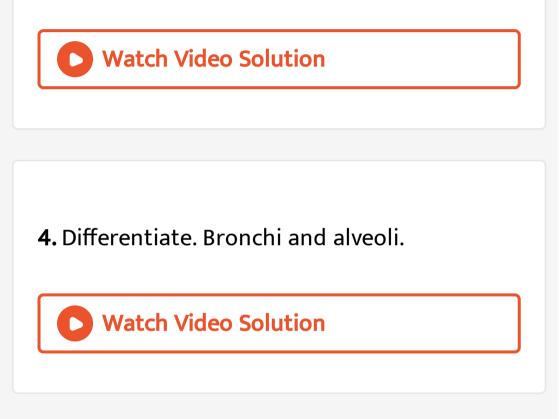
an important role in the breathing process.

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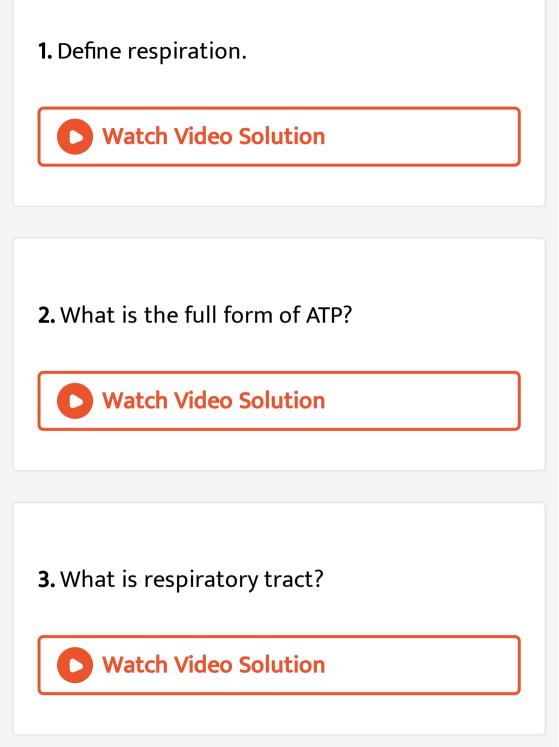
5. Bronchitis is caused by a bacterium.



3. Differentiate. tracheae and bronchi.



Exercises Answer The Following In Short



4. What is the function of pleural fluid?



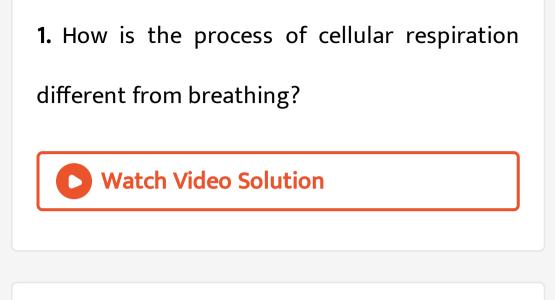
5. What is the contribution of the following in

breathing?

Diaphragm



Exercises Answer The Following In Detail



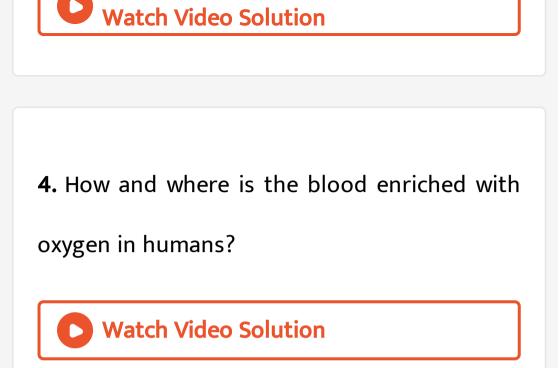
2. What is cellular respiration?



3. In human, what happens to oxygen after it is

inhaled through the nose?





5. With the help of labelled diagrams show the

mechanism of beathing in humans.

1. Given below are sets of five terms each. Rewrite the terms in correct order in a logical sequence beginning with the term that is underlined.

Nostrils, Pharynx, <u>Alveoli</u>, Larynx, Bronchioles

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Exercises Look At The Picture Given Below And Sanwer The Following Question 1. Name any one virus having RNA as their

genetic material.

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Check Your Progress Answer The Following In One Word

1. Which organ is called the voice box?

2. Name the two membranes covering the

lungs.



3. What is the muscular sheet below the lungs

called?

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4. Where does exchange of gases takes place?

5. What is formed when oxygen combines with

haemoglobin?

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Check Your Progress Answer These Question

1. External respiration and Internal respiration

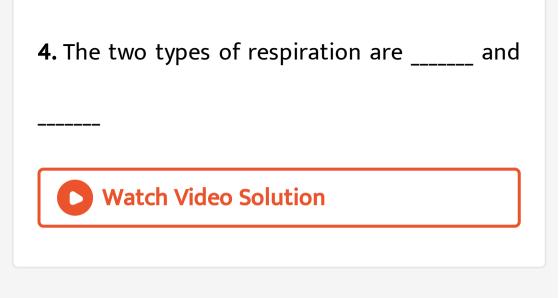
2. Write the equation to show the process of

respiration.

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3. In what form is the energy released during

respiration stored?



5. Why is less energy produced during anaerobic respiration than in aerobic respiration?

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Think And Answer

1. Breathing through nose is healthier than

breathing by mouth. Why?