IQ School Science
Primary 5 Review for month of January, 2022

Name: ( )	Class:	Date:
Parent's Signature:	Results: /60	%

Section A (30pts)

1.The chart below shows the composition by volume of clean air. Identify A, B and C

	A	B	C
1)	Carbon dioxide	Nitrogen	Oxygen and other gases
2)	Oxygen	Nitrogen	Carbon dioxide and other gases
3)	Nitrogen	Oxygen	Water vapour
4)	Nitrogen	Oxygen	Carbon dioxide and other gases

( )

2. Which of the following statement is **true**?

1) Plants take in carbon dioxide or oxygen through the stomata.
2) Plants only take in carbon dioxide and give out oxygen through the stomata.
3) Plants only take in oxygen and give out carbon dioxide through the stomata.
4) Plants take in water vapour from the air through stomata.

( )

3. What happen to the diaphragm during inhalation and exhalation of air?

	Inhalation	Exhalation
1)	Relaxes and moves up	Contracts and moves down
2)	Contracts and moves up	Relaxes and moves down
3)	Relaxes and moves down	Contracts and moves up
4)	Contracts and moves down	Relaxes and moves up

( )

4. Which of the following animals does **not** breathe through lungs?

Dolphin

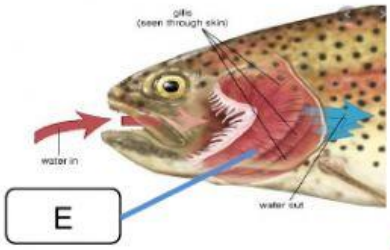
Bird

Bee

Turtle

( )

5. Study the diagram below



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Identify E and its function.

	E	Function of E
1)	Gills	Takes in dissolved oxygen for fish
2)	Gills	Takes in atmospheric oxygen for fish
3)	Gill cover	Takes in dissolved oxygen for fish
4)	Gill cover	Takes in atmospheric oxygen for fish

( )

6. Which statement about carbon dioxide is **incorrect?**
   1) Carbon dioxide is a gas.
   2) Carbon dioxide is needed for repiration.
   3) Plants need carbon dioxide to take food.
   4) Burning of things releases carbon dioxide.

( )

7. Which of the following correctly shows the processes that plants undergo in the day and at night?

	In the day	At night
1)	Respiration only	Photosynthesis
2)	Photosynthesis only	Respiration
3)	Respiration and photosynthesis	Respiration
4)	Photosynthesis and respiration	Photosynthesis

( )

8. Which is the similarity between photosynthesis and respiration?
   1) They use up food.
   2) They take in oxygen.
   3) They produce energy.
   4) They involve the exchange of gases.

( )

9. Which of the following organisms carry out photosynthesis, and which carry out respiration?

	Photosynthesis	Respiration
1)	Plants and fungi	Animals and bacteria
2)	Fungi	Animals and plants
3)	Plants and fungi	Plants, animals, fungi and bacteria
4)	Plants	Plants, animals, fungi and bacteria

( )

10. Which is the difference between photosynthesis and respiration?

	Photosynthesis	Respiration
1)	Takes in oxygen	Gives off oxygen
2)	Gives off carbon dioxide	Takes in carbon dioxide
3)	Makes food	Uses food
4)	Produces energy	Takes in energy

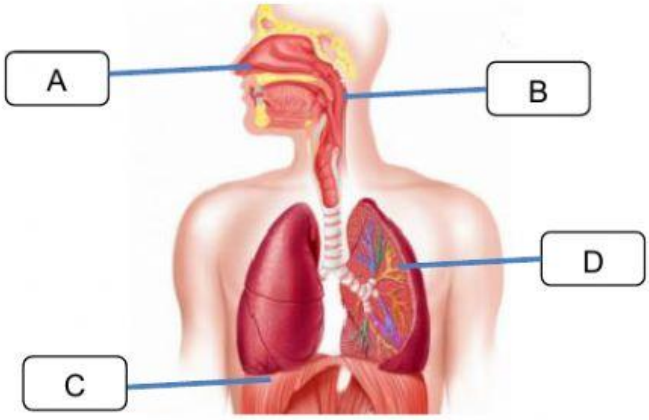
( )

LIVEWORKSHEETS

IQ School Science
Primary 5 Review for month of January, 2022

Section B (30 pts)

1. Look at the human respiratory system shown below.



Name parts A, B, C, D

A: _____

B: _____

C: _____

D: _____

A

Gaseous exchange of oxygen and carbon dioxide occurs in the lungs. Describe how the lungs carry our this function. 4pts

_____

_____

_____

_____

_____

2. Look at the fish respiratory system shown below.

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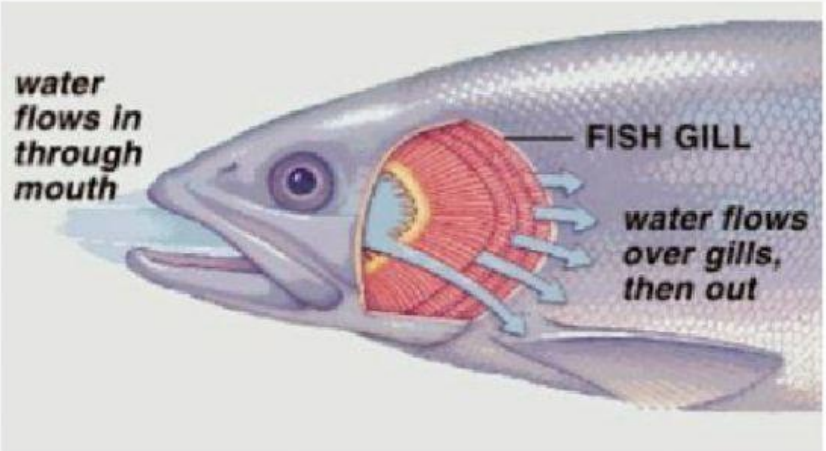
IQ School
Primary 5

Science
Review for month of January, 2022



Describe how the fish breathe.
Gaseous exchange of oxygen and carbon dioxide occurs in gills. Describe how the gills carry our this function. 4 pts.

_____

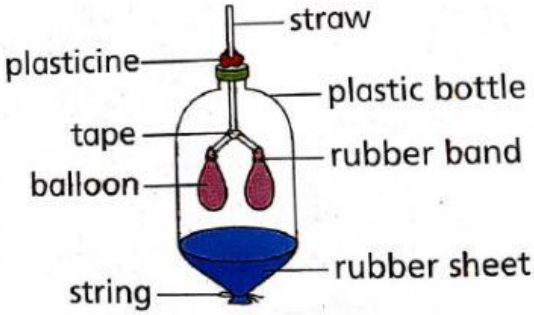
_____

_____

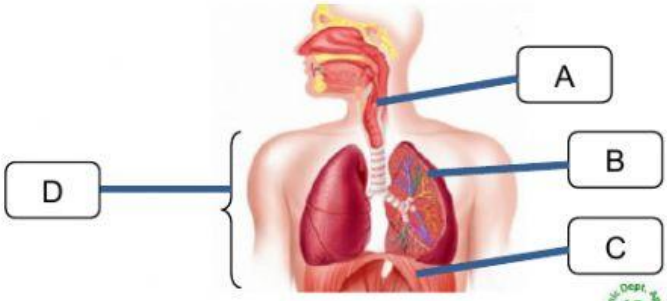
_____

_____

3. Samuel used some objects to set up a model of the human repiratory system as shown in the diagram below.



Match the objects correctly to parts A, B, C and D of the human respiratory system.



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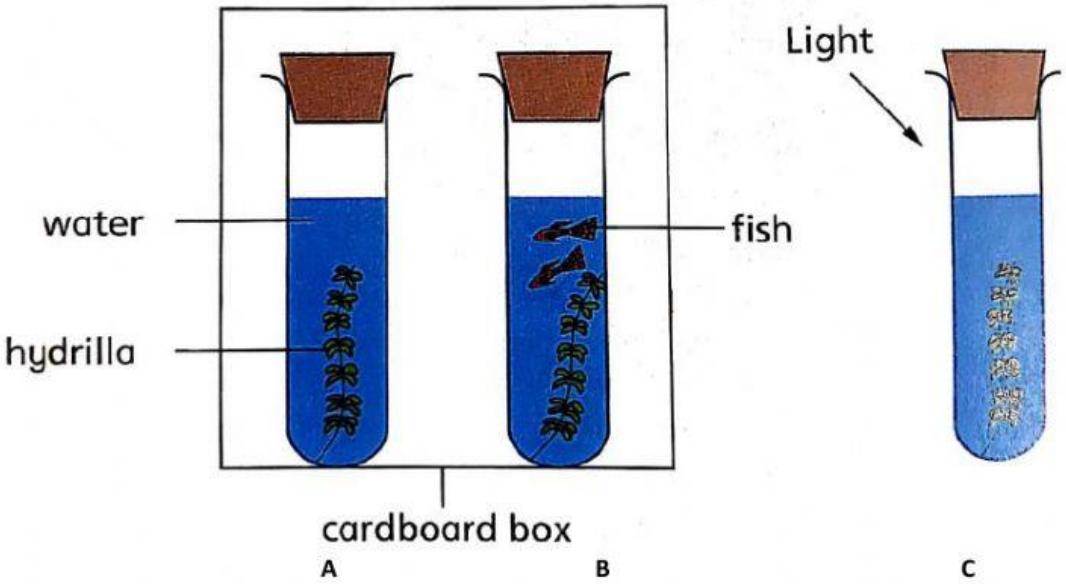
- Straws: _____
- Balloons: _____
- Plastic bottle: _____
- Rubber sheet: _____

Sam conducted an experiment using the set-ups below.



How would the amount of oxygen in each set-up change after a few hours? Write **Increase or Decrease** for each set-up?

A: _____

B: _____

C: _____

********** **End of Paper** **********

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