

Science



STUDENT NAME _____

NAME OF SCHOOL _____

TEST INSTRUCTIONS**FILL IN YOUR DETAILS**

Turn to your ANSWER SHEET and fill in your name, school, grade, section, today's date, your date of birth and gender.

ANSWERING QUESTIONS

Go to the SCIENCE ANSWER SHEET.

This test has **40 QUESTIONS**. Each question has four possible options.

Choose the **BEST** answer from the four options, **A, B, C** or **D**.

FILL in **ONE** circle on your answer sheet with a pencil.

If you make a mistake, erase the pencil mark and fill in a different circle.

You must colour the entire circle as shown below:

Correct response**Incorrect responses**

Line Very light pencil Pen Colored pencil

Marks are NOT deducted for incorrect answers.

ALL ANSWERS SHOULD BE MARKED ON YOUR ANSWER SHEET ONLY.

EQUIPMENT ALLOWED IN THIS TEST

You may use a 2B or B pencil for this test. You may NOT use a dictionary for this test.

TIME ALLOWED FOR TEST

The time allowed to complete this test is **60 minutes**.

The table shows how different animals obtain oxygen from their environment.

Animal	Organ used to obtain oxygen
amphibian	gills and skin
fish	gills
mammal	lungs

18 Which of these features are found in all the organs used to obtain oxygen?

Select the correct row.

	Well supplied with blood	Large surface area	Made of thin tissues
A	yes	yes	no
B	yes	no	yes
C	no	yes	no
D	yes	yes	yes

19 The gills of a fish supply it with oxygen.

Where does this oxygen come from?

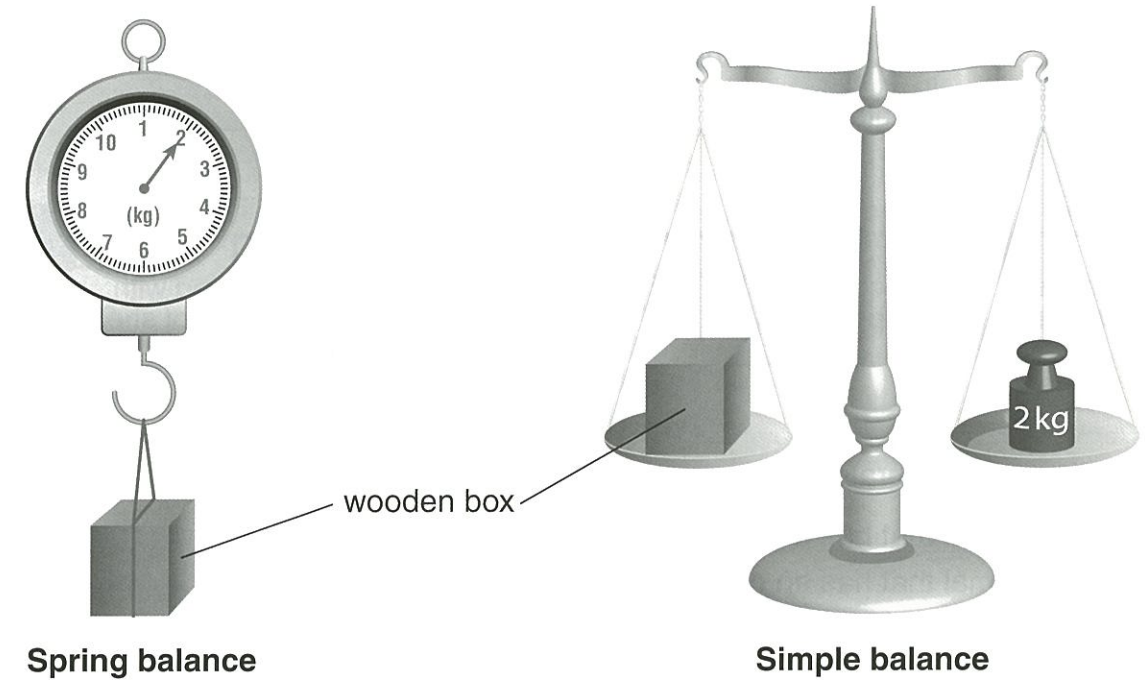
- A It is removed from within the water molecules around the fish.
- B It is produced by decomposing plant materials.
- C It is dissolved in the water around the fish.
- D It is formed by chemical reactions in the gills.

20 The lungs of a mammal take oxygen from the air.

Which gas is added to the air by the lungs of a mammal?

- A oxygen
- B carbon dioxide
- C nitrogen
- D hydrogen

21 A wooden box was weighed with a spring balance and a simple balance at sea level. The readings were 2 kilograms (kg) on both the scales.



If the same test is performed on the moon, what would be the correct readings?

Select the correct row.

	Reading on spring balance	Reading on simple balance
A	less than 2 kg	2 kg
B	2 kg	more than 2 kg
C	more than 2 kg	less than 2 kg
D	less than 2 kg	more than 2 kg

22 Which of the following directly converts chemical energy to heat energy?

- A a gas oven
- B a computer
- C a car battery
- D a washing machine