FINAL TEST PREPARATION OF SCIENCE GRADE 6

Full Name : _

Class : _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ Attendance List : _ _ _ _

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CHECKPOINT 2015 PAPER 2 PART 1

Answer the questions based on the instruction given.

1 Complete the sentences about food chains.

Choose from the following words.

consumer **predator** **prey** **producer**

A food chain starts with a ..... .

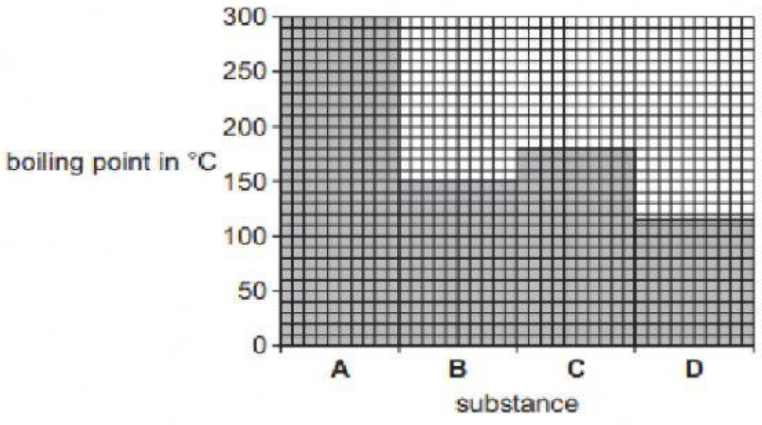
Any animal eaten by another animal is their ..... .

An animal that eats something else in the food chain is a ..... .

An animal that eats another animal is a ..... .

[3]

2 This bar chart shows the boiling points of some substances.



(a) What is the boiling point of substance **A**?

..... °C [1]

(b) Which substance has the lowest boiling point?

..... [1]

LIVEWORKSHEETS

(c) What happens to a liquid when it boils?

..... [1]

(d) Water is not shown on the bar chart.

What is the boiling point for water?

..... °C [1]

3 Oliver measures how loud some sounds are.

(a) Circle the apparatus he uses.



force meter



balance



sound meter



ruler

[1]

(b) Oliver picks up a guitar.
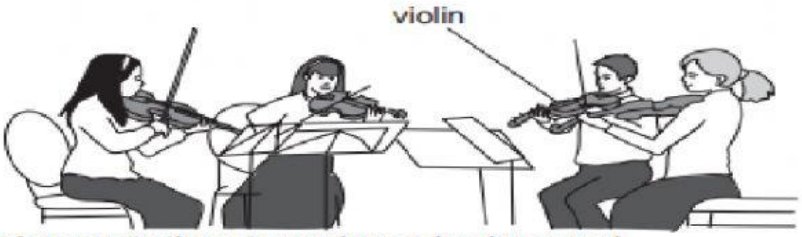


guitar

What must he do to the guitar to produce a sound?

..... [1]

(c) There is a group of children playing violins.



The teacher wants them to produce a louder sound.

What **two** things would make this happen?

Tick (✓) the **two** correct sentences.

Play the violins harder.	☐
Play the violins softer.	☐
Have more violins playing.	☐
Have less violins playing.	☐

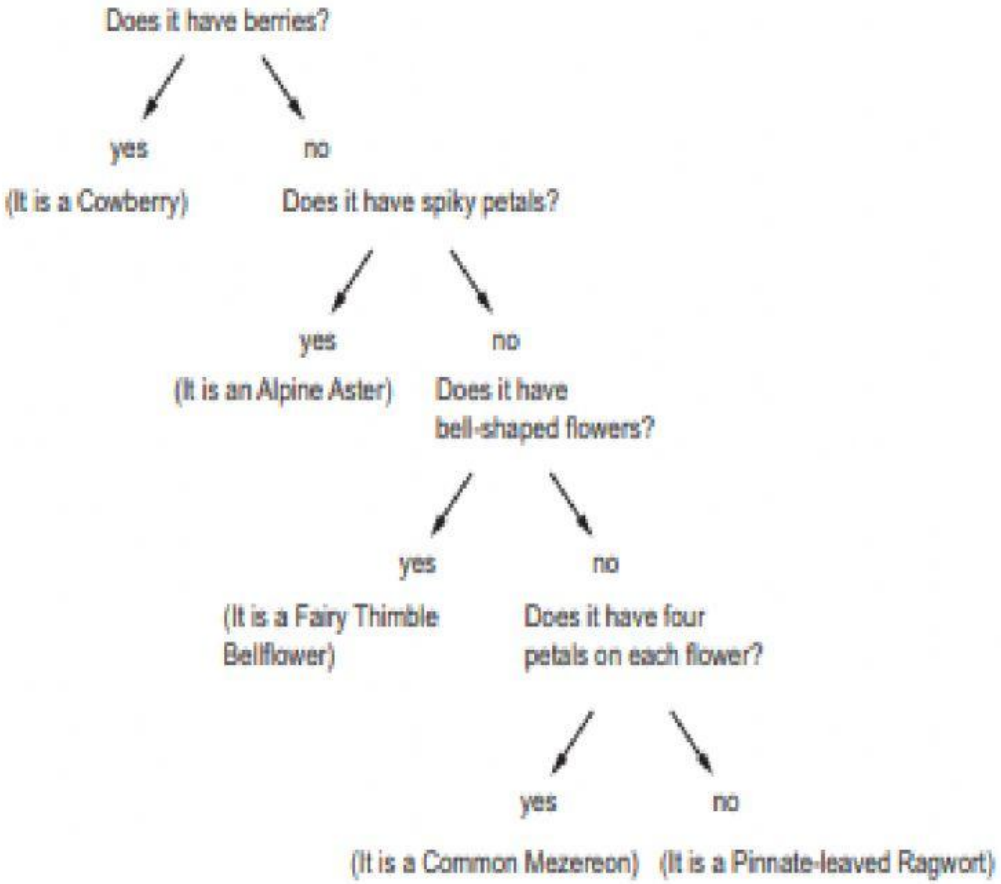
LIVEWORKSHEETS

4 Keys can be used to identify plants.

Here is the key for some plants.



A B C D E



Use the key to identify the plants.

A = ...

B = ...

C = ...

D = ...

E = ... [3]

LIVEWORKSHEETS

5 Chen wants to separate a mixture of salt, sand and iron powders.

(a) First of all Chen decides to separate the iron from the mixture.

Put a circle around the method he uses.

evaporation

filtration

magnetic attraction

sieving

[1]

(b) Chen then decides to separate the sand from the salt and sand.

He adds water to the mixture and then stirs the mixture for two minutes.

Put a circle around the method he then uses to obtain the sand.

evaporation

filtration

magnetic attraction

sieving

[1]

(c) To finish the separation Chen gets salt from the salt solution.

Put a circle around the method he uses to obtain the salt.

evaporation

filtration

magnetic attraction

sieving

[1]

LIVEWORKSHEETS

6 Pierre and Yuri investigate how exercise changes pulse rate.



(a) What equipment will they need to measure pulse rate?

Circle the correct equipment.






(b) Which unit is a correct measurement of pulse rate?

Circle the correct answer.

beats per minute

beats per second

minutes per beat

seconds per beat

LIVEWORKSHEETS

(c) Pierre runs for 1 minute.

Complete the sentence using one of these words.

decrease **increase** **stay the same**

Pierre thinks his pulse rate will ..... . [1]

(d) What is the sentence above?

Circle the correct answer.

conclusion **method** **prediction** **result**

[1]

(e) Pierre runs for 1 minute again.

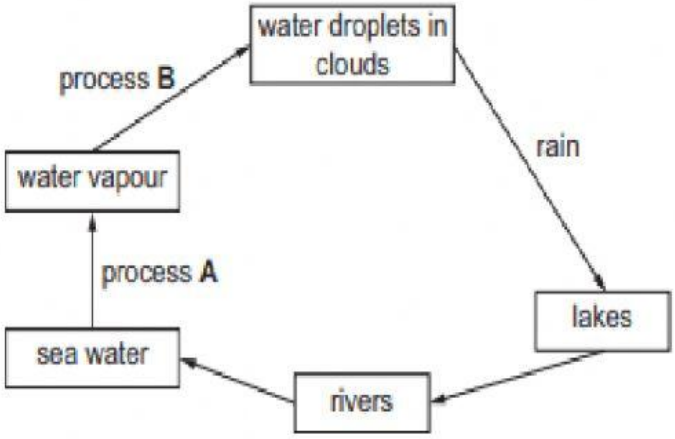
Why is it a good idea to repeat measurements?

.....

..... [1]

LIVEWORKSHEETS

7 The flow chart shows part of the water cycle.



(a) What is the name of process **A**?

..... [1]

(b) What is the name of process **B**?

..... [1]

(c) Sometimes it is so cold that the water in a lake becomes ice.

What is the name of this process?

..... [1]

(d) Sea water is boiled in a beaker for a long time.

What would you see?

..... [1]

LIVEWORKSHEETS

8 Lily wants to measure her mass.

She stands on the scales.



she puts her hands down



she puts her hands up

Tick (✓) the correct answer.

Lily's mass is **greatest** when her hands are up. ☐

Lily's mass is **less** when her hands are up. ☐

Lily's mass is the **same** when her hands are up or down. ☐

LIVEWORKSHEETS