

FINAL TEST PREPARATION OF SCIENCE GRADE 6

	Full Name : _____	Attendance List : _____
Class : _____		

Bismillahirrahmaanirrahim

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 _____.

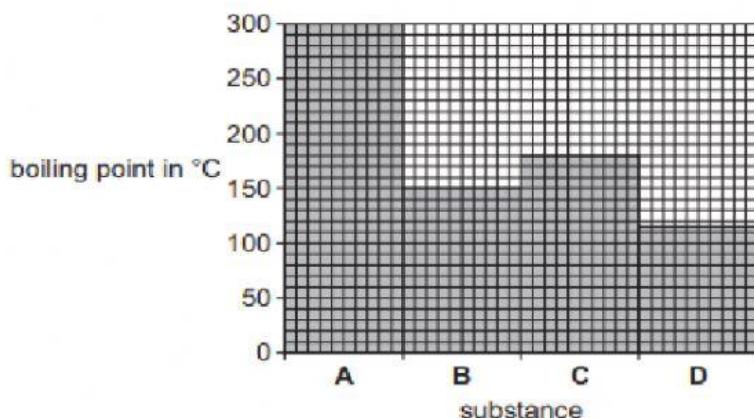
Any animal eaten by another animal is their _____.

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]

(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.

4 Keys can be used to identify plants.

Here is the key for some plants.



Does it have berries?



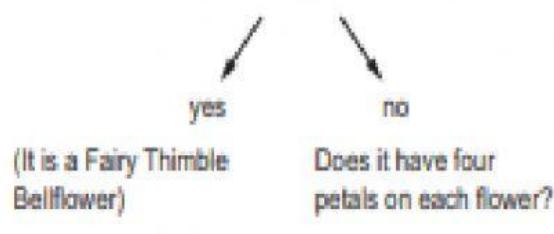
(It is a Cowberry)

Does it have spiky petals?



(It is an Alpine Aster)

Does it have bell-shaped flowers?



(It is a Fairy Thimble Bellflower)

Does it have four petals on each flower?



(It is a Common Mezereon) (It is a Pinnate-leaved Ragwort)

Use the key to identify the plants.

A = _____

B = _____

C = _____

D = _____

E = _____ [3]

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]

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

(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

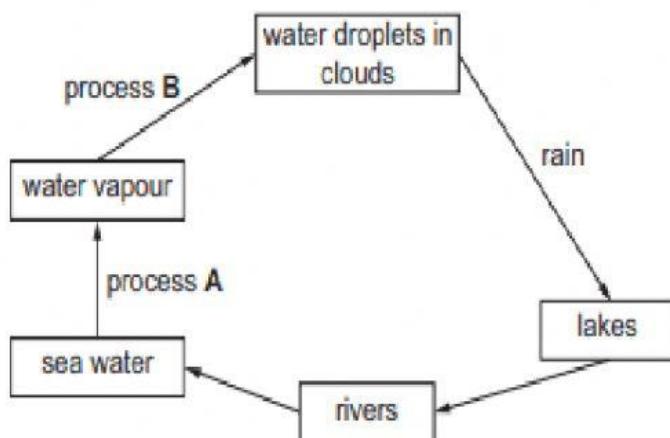
[1]

(e) Pierre runs for 1 minute again.

Why is it a good idea to repeat measurements?

..... [1]

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]

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.