FINAL TEST PREPARATION OF SCIENCE GRADE 6

Primary School

Full Name : _

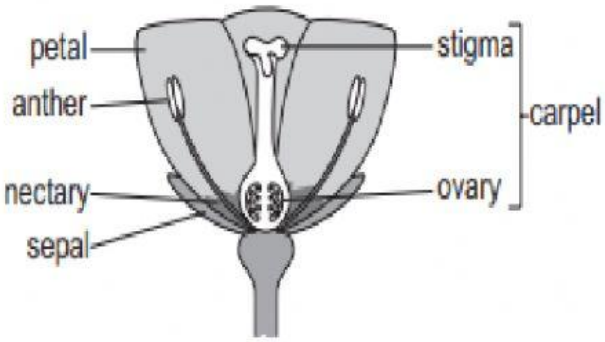
Class : _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ Attendance List : _ _ _ _ _

Bismillahirrahmaanirrahim

CHECKPOINT 2015 PAPER 2 PART 2

Answer the questions based on the instruction given.

9 Flowers have different parts.



(a) Why do flowers have petals?

..... [1]

(b) Circle the part of the flower which produces pollen.

anther **carpel** **ovary**

[1]

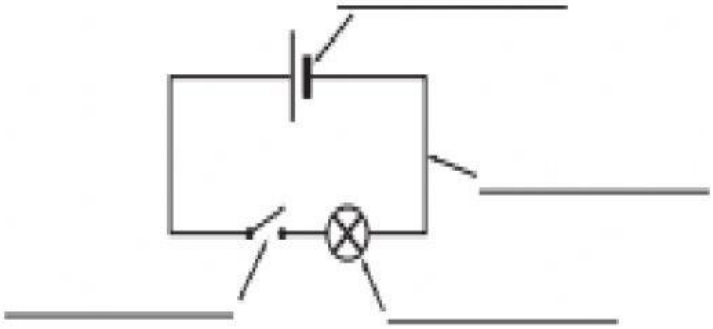
(c) Circle a female part of the flower.

nectary **petal** **sepal** **stigma**

[1]

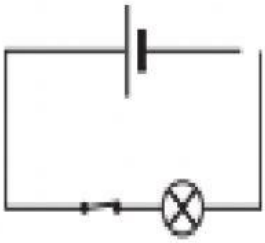
LIVEWORKSHEETS

10 Rajiv finds an electric circuit diagram in a book.



(a) Label the circuit diagram. [3]

Rajiv builds this circuit.



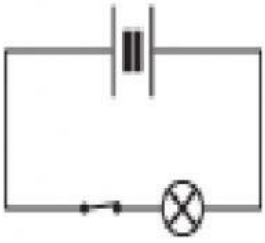
(b) It does not work. Explain why.

.....

.....

[1]

(c) Rajiv now builds this circuit.



It does not work. Explain why.

.....

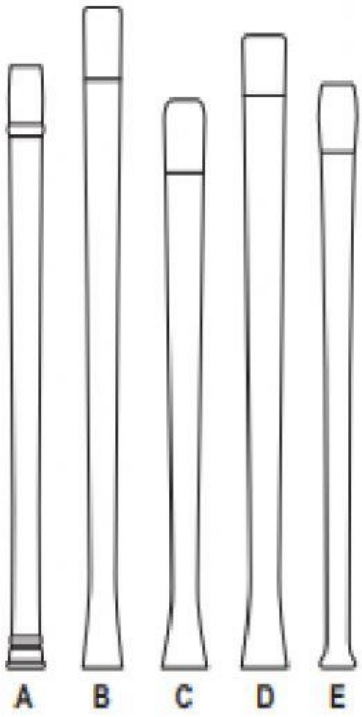
.....

[1]

LIVEWORKSHEETS

11 Oliver and Carlos investigate sound.

They listen to the **pitch** made by different recorders.



(a) The recorders are different lengths.

What apparatus is used to measure the **length** of the recorders?

..... [1]

(b) Recorder **B** has the lowest pitch.

Predict which recorder will have the highest pitch.

Circle the correct letter.

A **C** **D** **E** [1]

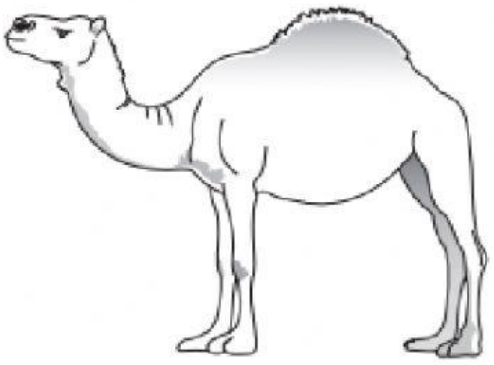
(c) Explain why you predicted this recorder.

.....

..... [1]

LIVEWORKSHEETS

12 Using the picture below list **three** features which help this animal to adapt to its environment.



1 .....

2 .....

3 ..... [3]

13 Scientists explore the solar system.

Which scientist was one of the **first** to believe that the Sun was at the centre of our solar system?

Tick (✓) the correct scientist.

Edwin Hubble	☐
Galileo Galilei	☐
Isaac Newton	☐
Leonardo da Vinci	☐

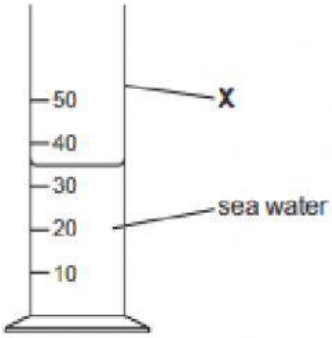
[1]

LIVEWORKSHEETS

14 Hassan lives by the sea.

He wants to find out how much salt is in seawater.

He measures a small volume of seawater using this apparatus.



(a) What is the name of apparatus **X**?

..... [1]

(b) What is the volume of seawater in apparatus **X**?

..... cm^3 [1]

(c) Hassan then finds the mass of a clean glass dish.

What piece of apparatus should Hassan use to do this?

Circle the correct answer.

balance **beaker** **ruler** **thermometer**

[1]

(d) Hassan pours all of the seawater into the glass dish.

He leaves the dish of seawater in the sun for one day.

What happens to the volume of seawater in the dish?

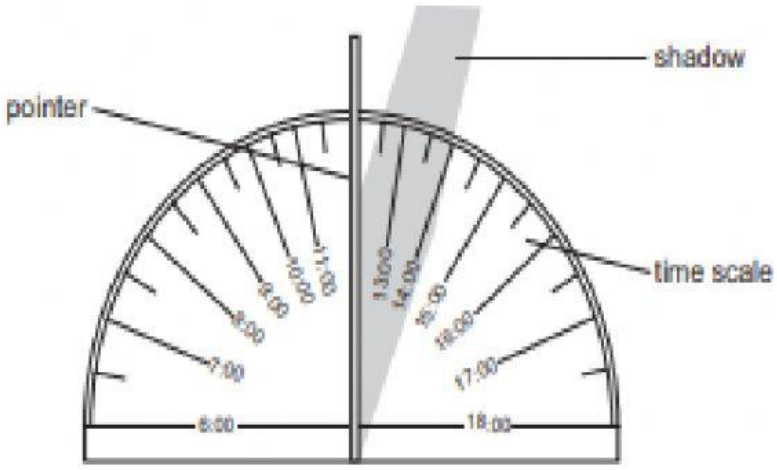
Circle the correct answer.

decreases **increases** **stays the same**

[1]

LIVEWORKSHEETS

15 Priya and Mia make a sundial.



(a) The time is 14:00.

Describe how the sundial shows this time.

.....

.....

[2]

(b) Why does the shadow change during the day?

Circle the correct answer.

the Sun moves during the day

the Earth spins on its axis during the day

the Sun spins on its axis during the day

[1]

(c) Priya wants to make a sundial to show the time over 24 hours.

Mia says this is **not** possible.

Explain why Mia is correct.

.....

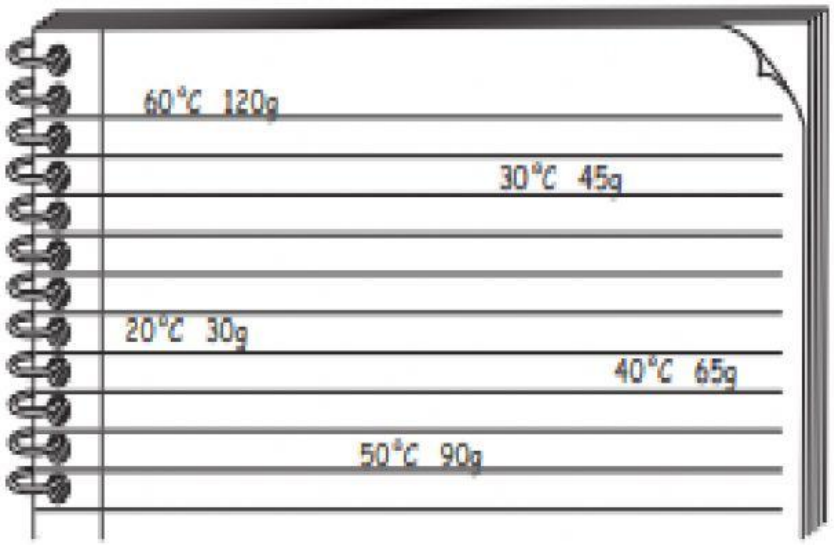
[1]

LIVEWORKSHEETS

16 Aiko investigates how much of a solid dissolves in 100 cm^3 of water.

She writes down her results.

Here is a page from her note book.



Why is it a good idea for Aiko to put her results in a table?

.....

[1]

LIVEWORKSHEETS