

FINAL TEST PREPARATION OF SCIENCE GRADE 6

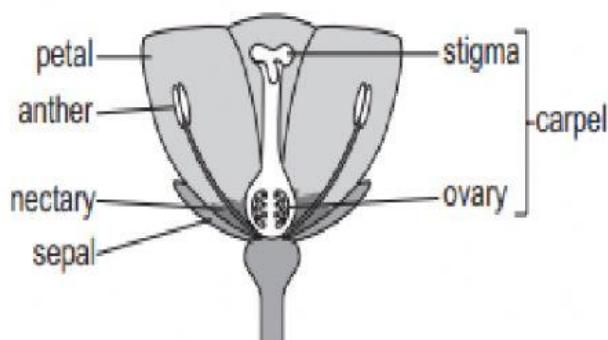
	Full Name : _____	Attendance List : _____
Class : _____		

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

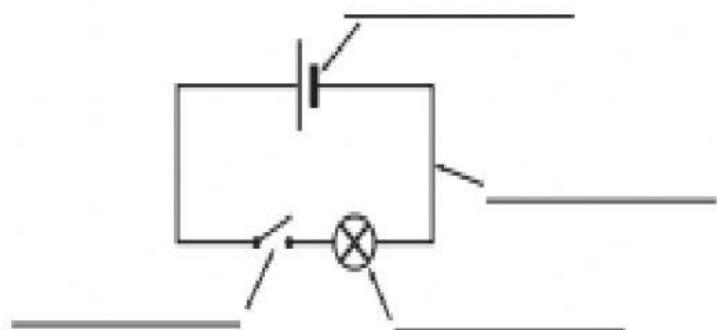
[1]

(c) Circle a female part of the flower.

nectary petal sepal stigma

[1]

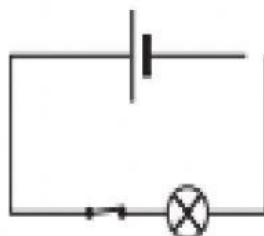
10 Rajiv finds an electric circuit diagram in a book.



(a) Label the circuit diagram.

[3]

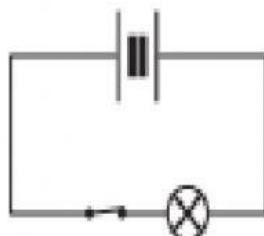
Rajiv builds this circuit.



(b) It does not work. Explain why.

[1]

(c) Rajiv now builds this circuit.

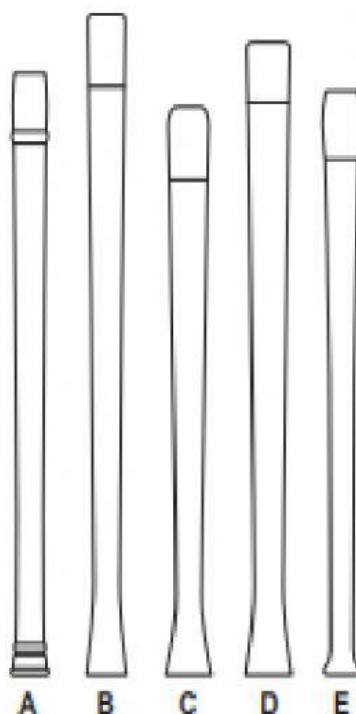


It does not work. Explain why.

[1]

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.

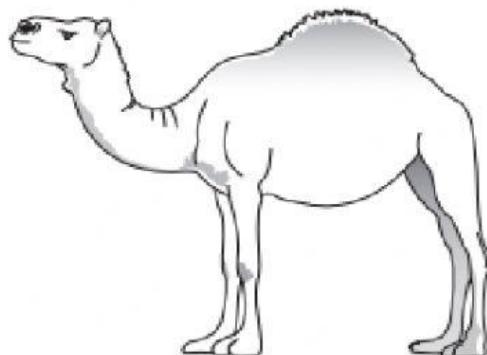
A C D E

[1]

(c) Explain why you predicted this recorder.

_____ [1]

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.

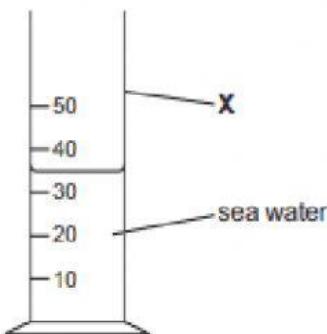
Edwin Hubble	<input type="checkbox"/>
Galileo Galilei	<input type="checkbox"/>
Isaac Newton	<input type="checkbox"/>
Leonardo da Vinci	<input type="checkbox"/>

[1]

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?

_____ cm³ [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.

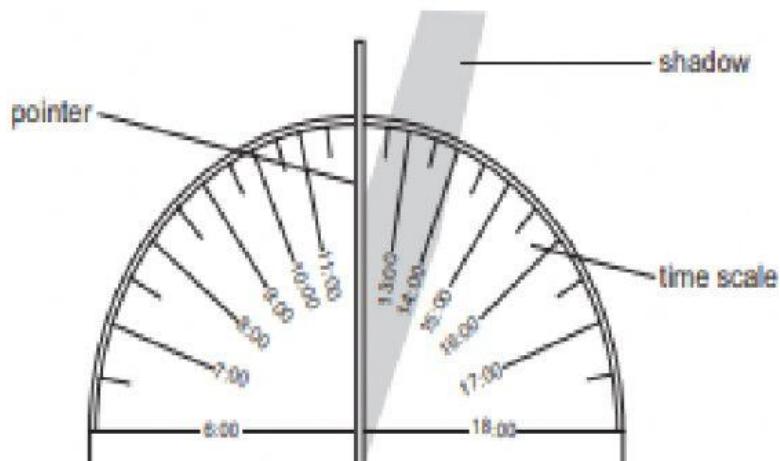
decreases

increases

stays the same

[1]

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.

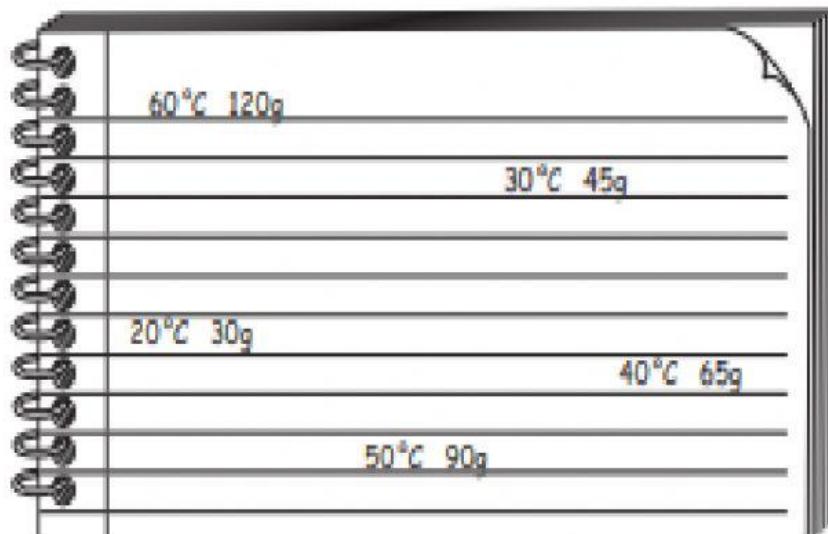
Explain why Mia is correct.

[1]

16 Aiko investigates how much of a solid dissolves in 100 cm³ of water.

She writes down her results.

Here is a page from her note book.



60°C	120g
30°C	45g
20°C	30g
50°C	90g

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

[1]