Cambridge Primary Progression Test

Exercise CPPT
Question paper 2

Cambridge Primary

35 minutes

Science
Stage 3

Name.....

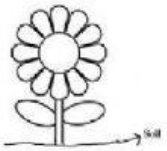
READ THESE INSTRUCTIONS FIRST

Answer all questions in the spaces provided on the question paper.

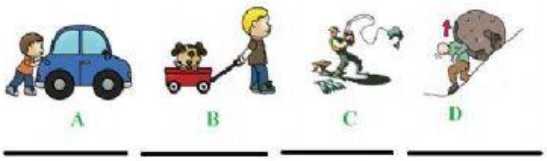
The number of marks is given in brackets [ ] at the end of each question or part question

For Teacher's Use	
Page	**Mark**
1	
2	
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7	
8	

1. Look at this picture below. **Draw** the missing part of plant and **label** the parts of the plant.



2. Write down if each picture shows a push force or a pull force.



3. Some students investigate the function of part of plant.
They put the celery inside the red coloured water. After 24 hours the stem and the leaves of celery changes the colour red.



a. What part of part of plant is being investigated?
_____.

b. Look at the picture and Write wich part of the celery does the red water travel through first?
_____.

c. Celery grows in soil. Which part of a plant takes in water from the soil?
_____.

LIVEWORKSHEETS

4. Ridho rides his bicycle to school.
He goes down a hill at the same speed every day and when he gets to bottom, he brakes to stop.



a. Name the force that causes Ridho's bicycle to stop when he brakes.

_____.

b. If Ridho always have the same speed every day to ride his bicycle, what will happen to the speed of the bicycle if he pedals the bicycle more than the usual?

_____.

5. Look at this table below.

material	Is it strong?	Is it hard?	Is it dissolve in water?	Is it conduct heat?	Is it melting easily?
A	yes	no	no	no	yes
B	no	yes	no	yes	no
C	yes	yes	no	yes	no
D	yes	yes	no	no	no
E	no	no	yes	no	yes

a. From the information in the table above, what the best materials to make a souce pan?



Explain your answer:

_____.

b. Write 2 reasons why material "A" is suitable to make clothes than material "E"?



✓ _____.

✓ _____.

c. If you want to make a big statue, which material will you use to make it?

A **B** **C** **D** **E**

6. Look at these identical plants below.



A **B** **C** **D**

Ahmad give the plants the same amount of water and every day but he puts the pots in different distance from the light source. After four weeks, he measures the height of each plants and write it in the table.

LIVEWORKSHEETS

plants	Distance from the light source in cm	height after 4 weeks in cm
A	5	25
B	10	22
C	15	17
D	20	13

a. The **shortest plant** is _____(cm) from the light source.

b. Give the reason why plant **"A" is the tallest** plant!

Because the plant "A" get enough _____.

7. Steel is a material used to make **cars and trucks**.
Tick (√) the **three** correct properties of steel.



- ☐ pink
- ☐ weak
- ☐ low boiling point
- ☐ hard
- ☐ high melting point
- ☐ attracted to a magnet

8. Materials have unique properties. One of them is **"flammable (or easy to burn)" or inflammable (not easy to burn)**.

Complete this table below to show which materials is **flammable** or **inflammable**. One has been done for you.

material	one property of the material
kerosene	flammable
Diamond	.....
Sugar	.....
cotton	.....

9. Aziza and Musa measure their pulse rate.



- Aziza has a pulse rate of 70 beats every minute.
- Musa has a pulse rate of 75 beats every minute.

They want to find out how exercise changes their pulse rate.

a. Predict Aziza's pulse rate after exercise.

Choose the correct answer.

50 **60** **70** **80**

LIVEWORKSHEETS

b. Aziza does some exercise.

Musa does some exercise.

They want to compare their pulse rates.

What two things must they do to make this a fair test?

✓ _____.

✓ _____.

c. To make their body healthy how much exercise do they need to do to stay healthy?

Choose one answer.

once a year **once a month** **once a week** **once a day**

10. Ana sorts these animals into groups.

bird **dog** **swan** **owl**

cow **shark** **dolphin** **snake**

Each animal can be put into more than one group.
Here is Ana's first group.

group name	animals that live in or on water		
members	**dolphin**	shark	**swan**

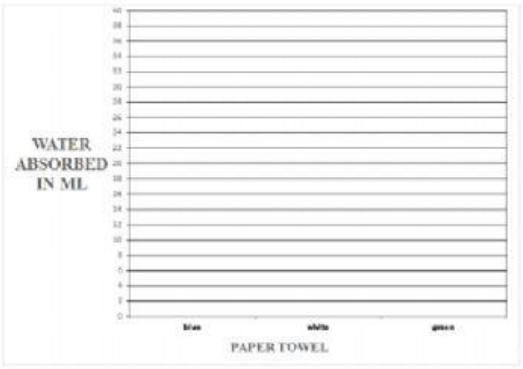
Ana then makes another group. Only three of the animals fit into this group.
Write the suitable name for this group in the table.

group name	.....		
members	**bird**	**owl**	**snake**

11. Hasan investigated which paper towel was the most absorbent.
Here is the results.

paper towel	**blue**	**white**	**green**
water absorbed in ml	**12**	**36**	**22**

a. **Draw the bar chart of his results.**



b. Write the colour of the paper towels from **the most absorbent** to the **least absorbent.**

_____, _____, _____

most absorbent **least absorbent**

12. Yunus loves to growing plants in his house.
The colour of the leaves are healthy dark green.



a. Which **senses** Yunus use **to see** the colour of the leaves?

sight **smell** **hearing**

LIVEWORKSHEETS

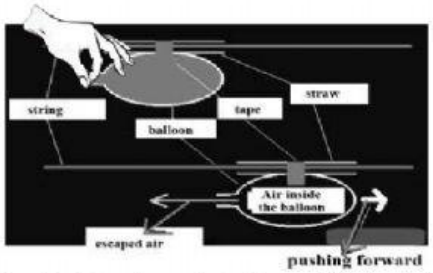
a. Yunus goes on holiday for two weeks. When he comes back, the condition of the plant is different. His plant is still alive but looks like this.



Complete this sentences below :

- ✓ Yunus's plant is **lack of** _____ so the plant is wilting.
- ✓ Yunus can help his plant **by give** _____ every day to make it healthy again.

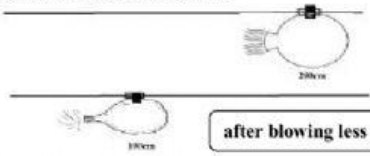
13. Look at this picture below.



a. From the picture above, what will happen if the hand which pinch the balloon open?
Complete these sentences below:

- ✓ The balloon will _____**(start to move / stop the move)** .
- ✓ This happens because the air _____**(push / pull)** out the air.

b. Look at these pictures below.



Sofia makes another rocket using the same balloon. She blows **less air into** the balloon. **Complete these sentences below:**

- ✓ Before blowing less the distance of the balloon is _____cm
- ✓ The **distance** after blowing less air is _____ **(shorter / farther)** than before blowing less air.

14. Nisa throws down two balls into a puddle of water.



The ball thrown down from the **same height**, it has the **same size** and are made from the **same material.**

a. Which ball is thrown down with the biggest force? **Complete the sentences.**

The ball that is thrown down with the biggest force is ball _____.
I know this because it's _____.

b. Nisa said:
"the water slows down the movement of the ball"

Why Nisa said in that way
_____.

LIVEWORKSHEETS