FINAL TEST PREPARATION OF SCIENCE GRADE 6

Full Name : _

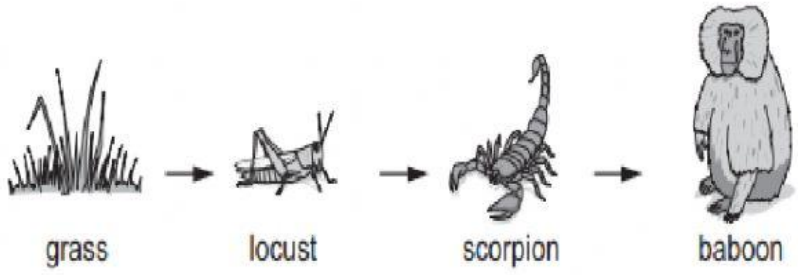
Class : _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ Attendance List : _ _ _ _

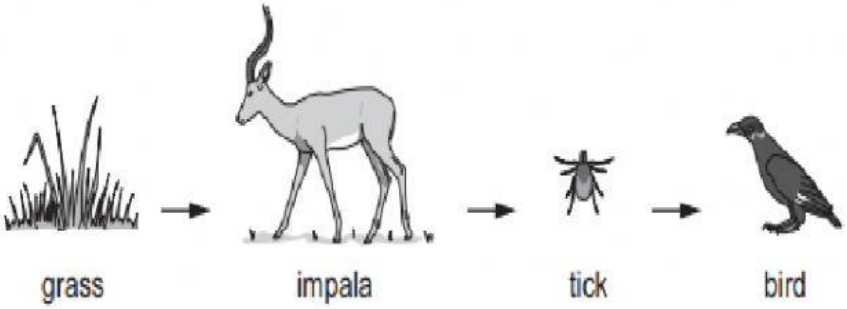
Bismillahirrahmaanirrahim

CHECKPOINT 2015 PAPER 1 PART 1

Answer the questions based on the instruction given.

1 There are food chains in the jungle.





(a) Which is a producer?

Circle the correct answer.

bird **grass** **locust** **scorpion**

[1]

(b) What does the impala eat?

..... [1]

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(c) What is eaten by the scorpion?

..... [1]

(d) Circle the word that describes the baboon in the food chain.

producer **predator** **prey**

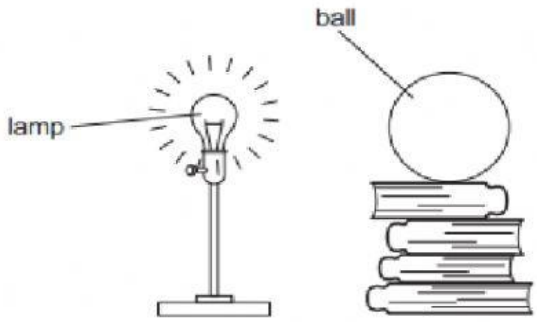
[1]

(e) The baboon also eats ticks.



On the picture draw an arrow (→) to show that the baboon eats the tick. [1]

2 The teacher makes a model of the Sun and Earth.



The lamp in the model is the Sun.

The ball in the model is the Earth.

(a) Draw the letter **D** on the ball to show where it is day.

Draw the letter **N** on the ball to show where it is night.

[1]

(b) The teacher uses the model to show how day becomes night.

Circle what she does to the model.

spins the lamp on its own axis

spins the ball on its own axis

moves the lamp around the ball

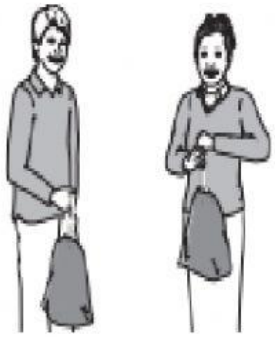
moves the ball around the lamp

[1]

LIVEWORKSHEETS

3 Ahmed and Lily are playing a game.

They are trying to identify different objects without looking at them.



They have a bag with an object inside the bag.

(a) They try to guess what the object is using their hands.

What sense are they using?

..... [1]

(b) Complete the sentence.

Choose from the words.

conclusion **prediction** **question** **result**

When they guess what the object is this is called a ..... . [1]

(c) They are allowed to look and see if they have guessed correctly.

What sense are they using?

..... [1]

LIVEWORKSHEETS

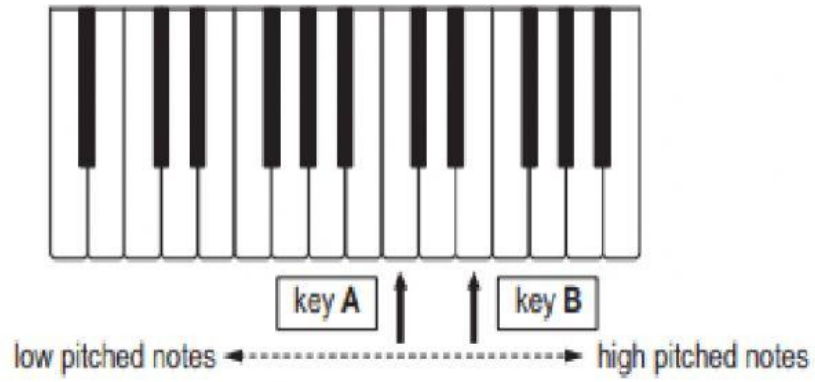
4 Angelique has a sound meter.

(a) Circle the thing she measures.

the mass of an object	the weight of an object	the loudness of a sound	the speed of a sound

[1]

(b) Here is a picture of a piano keyboard.



Angelique pushes key **A** and key **B**.

She uses the same force each time.

Tick (✓) the correct sentence.

Key **A** has a higher pitch than key **B**. ☐

Key **B** has a higher pitch than key **A**. ☐

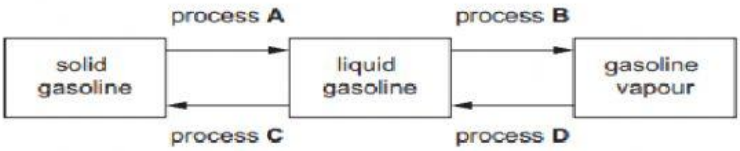
Key **A** is louder than key **B**. ☐

Key **B** is louder than key **A**. ☐

[1]

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5 Gasoline can exist as a solid, liquid or a gas.



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

..... [1]

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

..... [1]

(c) What is the name of process **C** in the diagram?

..... [1]

(d) What is the name of process **D** in the diagram?

..... [1]

6 Materials are chosen for certain purposes because of their properties.

Glass is used to make windows.

This is because glass is colourless.

Complete each of the following sentences about the uses of materials.

Choose from the list of properties.

attracted to a magnet	**not attracted to a magnet**
brittle (breaks easily)	**flexible (bends easily)**
not poisonous	**poisonous**
insoluble in water	**soluble in water**
strong	**weak**
a good electrical conductor	**a poor electrical conductor**

(a) This bridge is made from steel.



This is because steel is ..... . [1]

LIVEWORKSHEETS

(b) This bar magnet is made from steel.



This is because steel is ..... . [1]

(c) This food box is made of plastic.



This is because plastic is ..... . [1]

(d) This T-shirt is made from cotton.



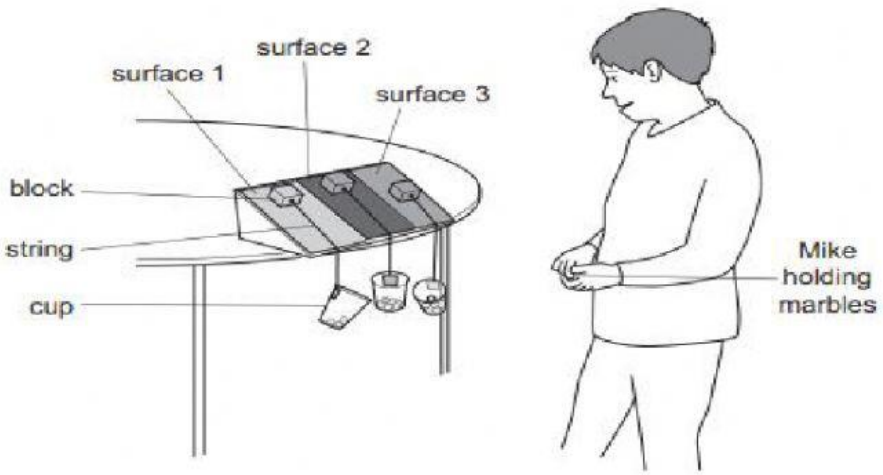
This is because cotton is ..... . [1]

(e) This cable is made using copper wire.



This is because copper is ..... . [1]

7 Mike investigates friction.



- he puts a block on three different surfaces
- he sticks a piece of string and a plastic cup to each block
- he puts one marble in each cup
- he adds more marbles until the blocks move.

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(a) Here are Mike's results.

surface 1 = 5 marbles

surface 2 = 6 marbles

surface 3 = 2 marbles

Complete the table of his results.

surface	.....
1	.....
.....	6
.....	.....

[2]

(b) Complete the sentences.

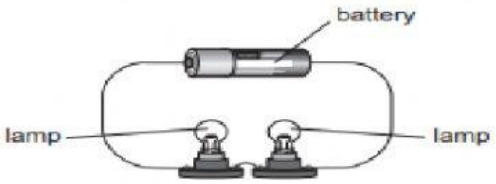
Choose from the following.

1 **2** **3** **5** **6**

The surface with the **most** friction is surface ..... .

The **smoothest** surface is surface ..... because it takes ..... marbles to move the block. [2]

8 Mia makes a series circuit.



Mia makes different series circuits.

She uses the same size batteries.

She uses the same size lamps.

(a) Complete the table.

Choose from the following words.

dim **normal** **bright**

number of batteries	number of lamps	brightness of lamps
1	2	normal
2	2	.....
1	3	.....

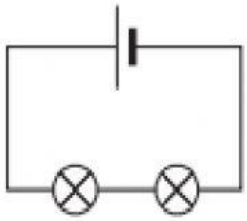
[2]

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(b) Mia draws a circuit diagram.

It has 1 battery and 2 lamps.

circuit diagram



Draw a circuit diagram for 1 battery and 3 lamps.

circuit diagram

[1]

LIVEWORKSHEETS