

Science



STUDENT NAME _____

NAME OF SCHOOL _____

TEST INSTRUCTIONS**FILL IN YOUR DETAILS**

Turn to your ANSWER SHEET and fill in your name, school, grade, section, today's date, your date of birth and gender.

ANSWERING QUESTIONS

Go to the SCIENCE ANSWER SHEET.

This test has **40 QUESTIONS**. Each question has four possible options.

Choose the BEST answer from the four options, **A, B, C** or **D**.

FILL in ONE circle on your answer sheet with a pencil.

If you make a mistake, erase the pencil mark and fill in a different circle.

You must colour the entire circle as shown below:

Correct response



Incorrect responses



Line Very light pencil Pen Colored pencil

Marks are NOT deducted for incorrect answers.

ALL ANSWERS SHOULD BE MARKED ON YOUR ANSWER SHEET ONLY.

EQUIPMENT ALLOWED IN THIS TEST

You may use a 2B or B pencil for this test. You may NOT use a dictionary for this test.

TIME ALLOWED FOR TEST

The time allowed to complete this test is **60 minutes**.

A sundial is made from a paper plate and a plastic straw. It is placed in the sun.



15 What time is the sundial showing?

- A 1 o'clock
- B 6 o'clock
- C 7 o'clock
- D 11 o'clock

16 The Sun rises at 6 am and sets at 6 pm. Which of these times can the sundial show?

- A 4 am
- B 8 am
- C 9 pm
- D 11 pm

17 What causes the shadow to change position throughout the day?

- A the straw melting in the sun
- B the wind moving the straw around the plate
- C the spinning of the Earth on its axis
- D the paper plate getting hotter throughout the day

28 A student models the size of the Earth, Moon and Sun with a football, a golf ball and a tennis ball.



Which option shows the best model?

	Sun	Earth	Moon
A			
B			
C			
D			

29 Which group contains only animals that have two feet?

- A owl, cat, sheep
- B cat, hawk, sparrow
- C sheep, camel, horse
- D crow, penguin, hawk

26 Four objects are put in a saucepan and heated.
Which object will **melt** first?

- A
steel
- B
wood
- C
wax
- D
paper


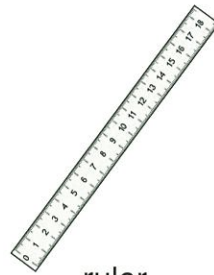
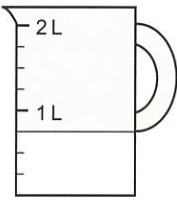
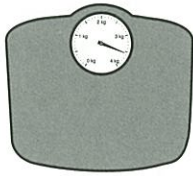
27 The picture shows a sheet of paper.



Which part of a tree is used to make paper?





- A
wood
- B
seeds
- C
leaves
- D
flowers

18 Which of these can be used to measure temperature?

A	B	C	D
			
thermometer	ruler	measuring jug	scales

19 A teacher puts an ice cube in the sun.
She asks her students what will happen after some time.



 Cherian The ice cube will grow larger.	 Natasha The ice cube will get darker.
 Arti The ice cube will melt into water.	 Sunil The ice cube will break into pieces.

Which student gave the correct answer?

- A Cherian
- B Natasha
- C Arti
- D Sunil

20 Ahmed measured the length of the shadow of a small tree.

Time	Start (first measurement)	One hour later	Two hours later
Shadow length (metres)	2	3	4

When did Ahmed make his first measurement?

- A at sunset
- B at sunrise
- C after midday
- D before midday

Four metal balls are connected by a metal chain. The chain is heated by a candle.



21 Which ball will become hot first?

- A ball 1
- B ball 2
- C ball 3
- D ball 4

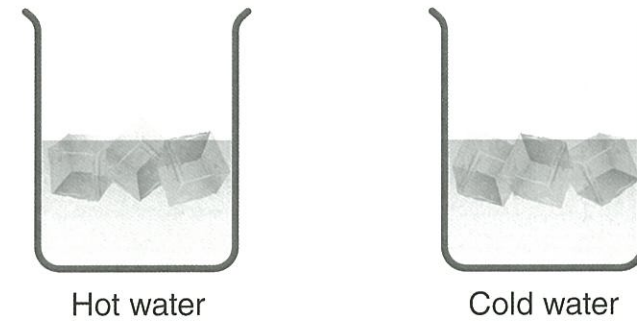
22 Which of these will pollute the soil?

- A seeds
- B leaves
- C worms
- D batteries

23 Which of these objects makes its own light?

- A the Sun only
- B the Earth only
- C the Moon only
- D the Sun, the Earth and the Moon

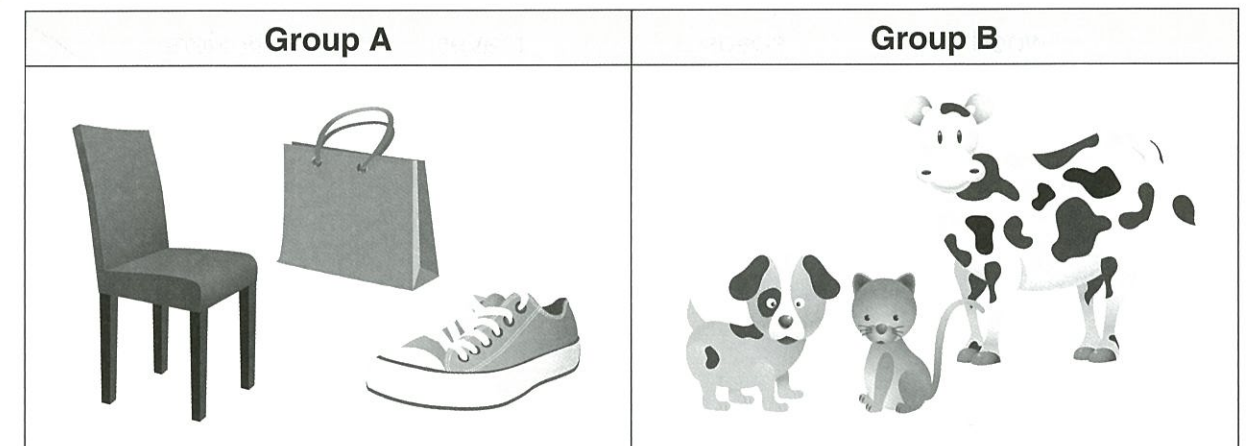
24 Three ice cubes are put in a beaker of hot water and three in a beaker of cold water.



What will happen to the ice cubes?

- A The ice cubes will not melt in the cold water.
- B The ice cubes will melt faster in the cold water.
- C The ice cubes will melt faster in the hot water.
- D The ice cubes will take the same time to melt in both beakers.

25 John sorted six things into two groups.



Which property did he use to sort the things into two groups?

- A hard and soft
- B living and non-living
- C small and large
- D useful to people and not useful to people