


GRADE 3

2016

Student Name			
Gender		Date of Birth	
Subject	SCIENCE	Student ID	N0001
School Name	TOWHEED IRANIAN SCHOOL		
Grade	03	Section	
 168-S-N0001-03-1 3031			

## Science

### 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

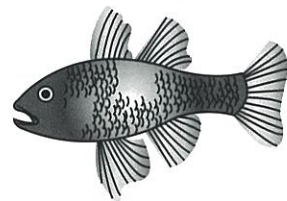
You may use a 2B or B pencil for this test. You may NOT use a dictionary for this test.

#### TIME ALLOWED FOR TEST

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



lizard



fish



butterfly



cat


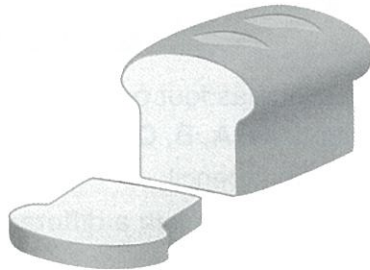

1 How many of these animals live on land?

- A  
one
- B  
two
- C  
three
- D  
four

2 Which animal helps plants to make seeds?





- A  
cat
- B  
fish
- C  
lizard
- D  
butterfly

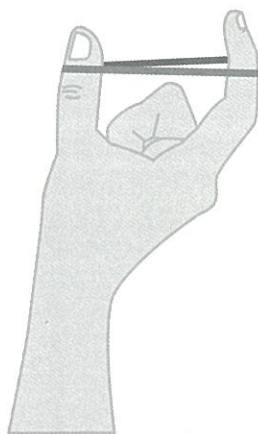
Group of food items



rice                      bread                      apple

3 Which of the following items best fits into the group above?

- A  
  
carrot
- B  
  
cheese
- C  
  
ice-cream
- D  
  
egg



rubber band stretched  
between two fingers

39 How does the rubber band change when it is stretched?  
Choose the correct row.

	It changes shape	It changes weight
A	no	yes
B	yes	yes
C	yes	no
D	no	no

40 Which of these mixtures could be separated by heating?

- A salt and sugar
- B salt and water
- C water and milk
- D sand and stones

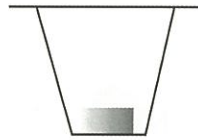


**36** In which cup will the ice cube melt fastest?



ice cube in cup

**A**



ice cube in covered cup

**B**



ice cube in the sun

**C**



ice cube in the shade

**D**

**37** Which of the following saves drinking water?

- A** using drinking water to wash cars
- B** collecting rainwater to wash clothes
- C** using drinking water to water plants
- D** leaving the tap running while brushing teeth

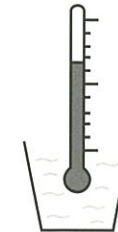
**38** Which of these make water safe to drink?

- A** boil the water
- B** freeze the water
- C** keep the water in the sun
- D** store the water in a clay pot

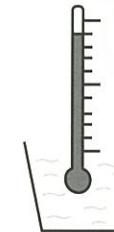
**4** Which of these objects is the easiest to bend?

- A** a glass rod
- B** a steel pipe
- C** a rubber pipe
- D** a wooden pole

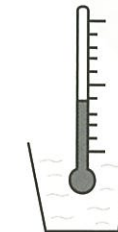
A thermometer is placed in four cups of water.



Cup 1



Cup 2



Cup 3



Cup 4

**5** Which cup has the hottest water?

- A** Cup 1
- B** Cup 2
- C** Cup 3
- D** Cup 4

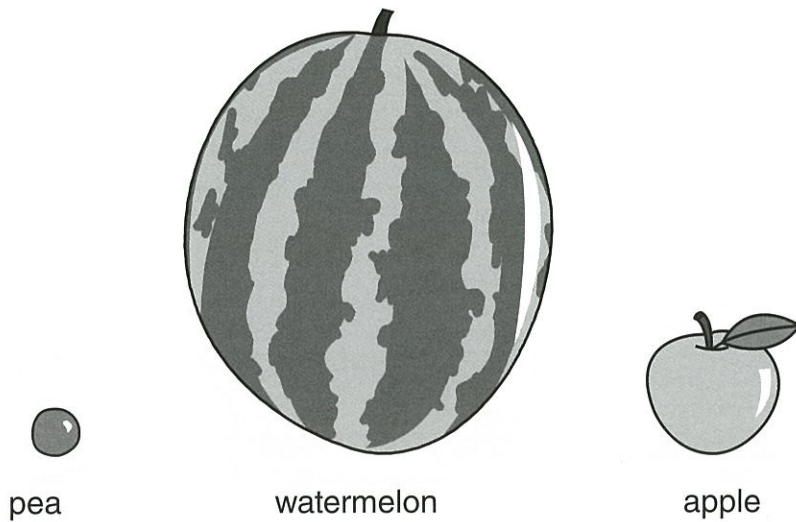
**6** What will happen to the water if it is heated?

- A** It will change colour.
- B** It will change into a gas.
- C** It will change into a solid.
- D** It will leak from the cups.

**7** Which of these is a natural material?

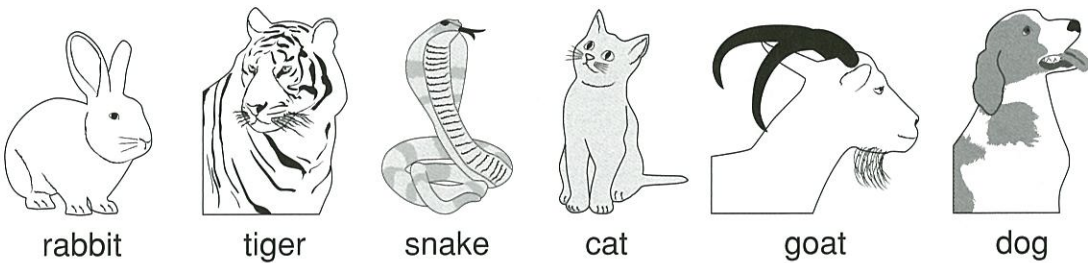
- A** soil
- B** glass
- C** paper
- D** plastic

8 Nasi wants to show the size of the Earth, Moon and Sun. She will use a pea, a watermelon and an apple.



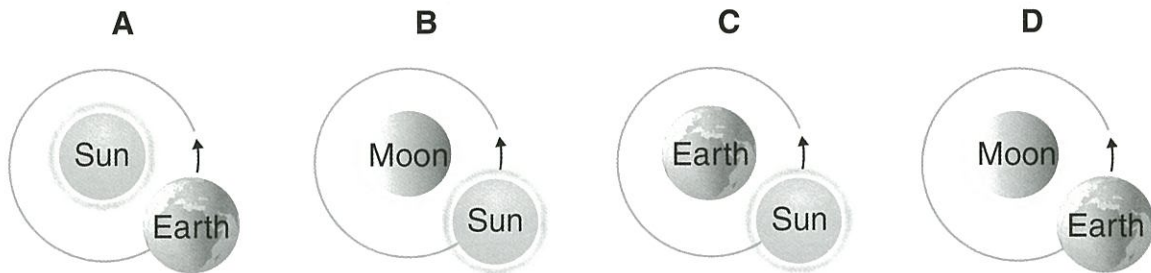
Which arrangement is best?  
Choose the correct row.

	Sun	Earth	Moon
A	apple	pea	watermelon
B	watermelon	apple	pea
C	apple	watermelon	pea
D	watermelon	pea	apple



- 9 Which animals eat only plants?
- A tiger and cat
  - B dog and tiger
  - C goat and snake
  - D rabbit and goat

33 Which picture shows a correct movement of the Earth, Moon and Sun?



- 34 Which of these is a star?
- A the Sun
  - B the Earth
  - C the Moon
  - D a comet

35 The table shows two groups of animals.

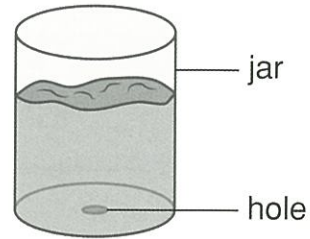
Group 1		Group 2	
tiger	parrot	dinosaurs	

What is true for Group 1 and true for Group 2?  
Choose the correct row.

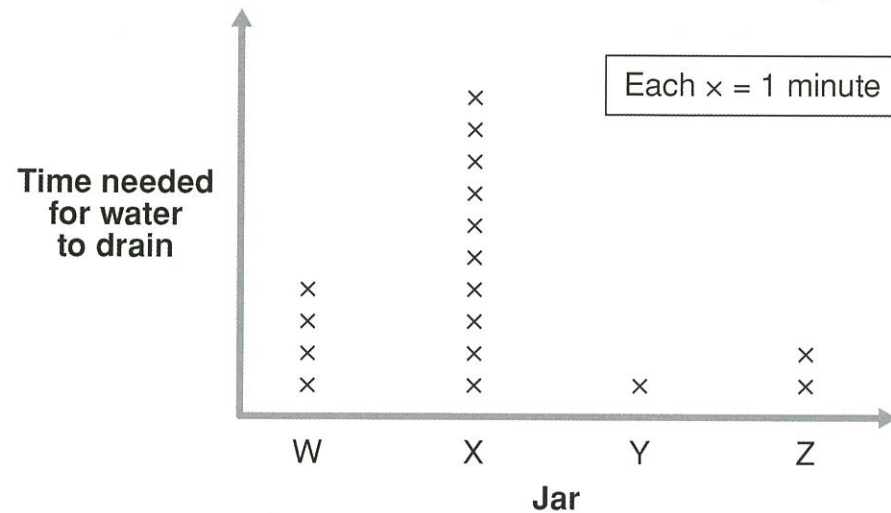
	Group 1	Group 2
A	lays egg	gives birth to young
B	are meat-eaters	are plant-eaters
C	lives at present	lived long ago
D	lives on land	lives in trees



Four similar jars each have a drain hole at the bottom.  
Each jar has an equal amount of a different substance in it.  
Equal amounts of water are added to each jar.



Time needed for water to drain from each jar



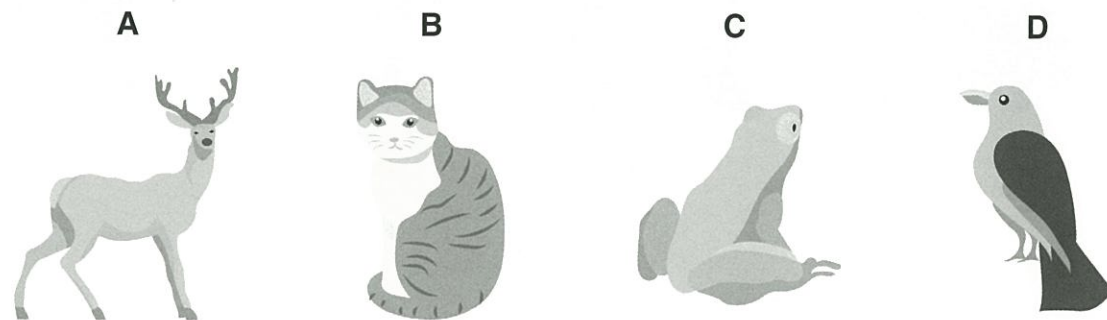
30 Which jar drained water the **slowest**?

- A Jar W      B Jar X      C Jar Y      D Jar Z

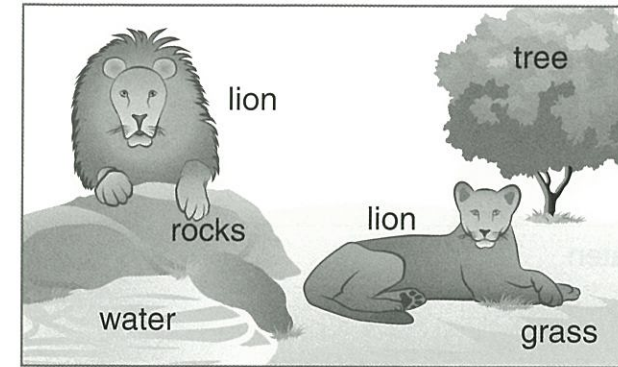
31 To make the test fair, what is most important to keep the same?

- A the colour of the jars  
B the temperature of the water  
C the size of the drain hole  
D the material the jar is made from

32 Which animal **does not** have legs when it is born or hatches?



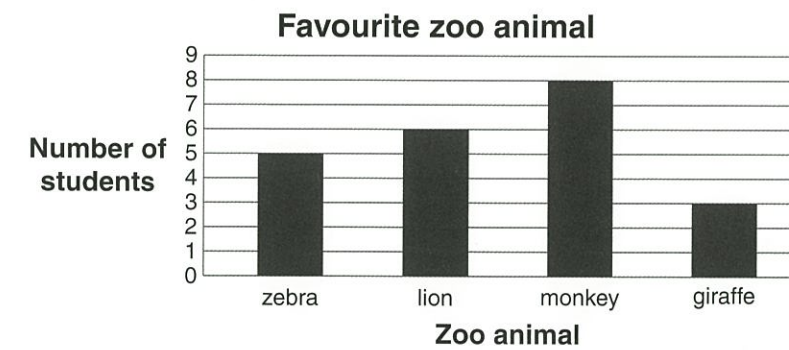
Some students go to the zoo and visit the lions.



10 Which of the things they see are **not** living?

- A grass and rocks  
B grass and trees  
C water and trees  
D water and rocks

The teacher asks the students, 'Which zoo animal do you like best?'  
Here are the results.



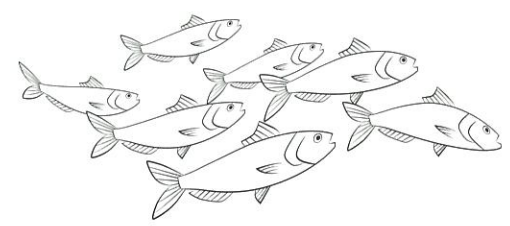
11 Which animal did students like best?

- A zebra      B lion      C monkey      D giraffe

12 How many students liked the lion best?

- A 3      B 5      C 6      D 8

13



Why do some fish travel in large groups?

- A so they have less chance of being eaten
- B so they do not get lost in the sea
- C so they have friends nearby
- D so they can find food easily

Four plastic blocks are placed on a balance in three different ways.



14

What will the balance show?

- A X weighs the most.
- B Y weighs the most.
- C Z weighs the most.
- D They all have the same weight.

The four blocks were melted and shaped into one new block.

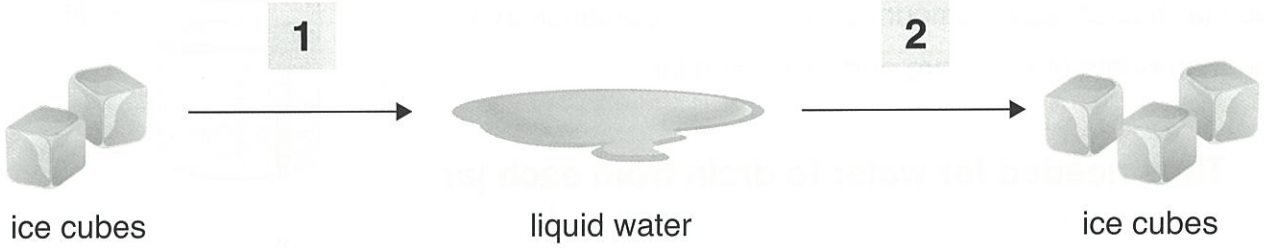


15

How will the weight of the new block compare to the weight of four smaller blocks?

- A The weights will be the same.
- B The new block will weigh more than the four small blocks.
- C The four small blocks would have weighed more than the new block.
- D It is not possible to tell which weighs the most.

The picture shows two changes, 1 and 2.



27

What are the two changes?  
Choose the correct row.

	Change 1	Change 2
A	melting	boiling
B	boiling	freezing
C	melting	freezing
D	freezing	melting

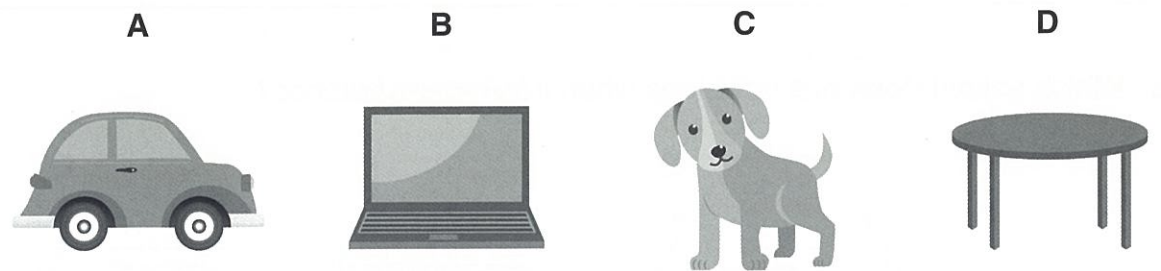
28

What does Change 1 show?

- A Water has a fixed shape.
- B Water boils when heated.
- C Water can dissolve sugar.
- D Water can change from solid to liquid.

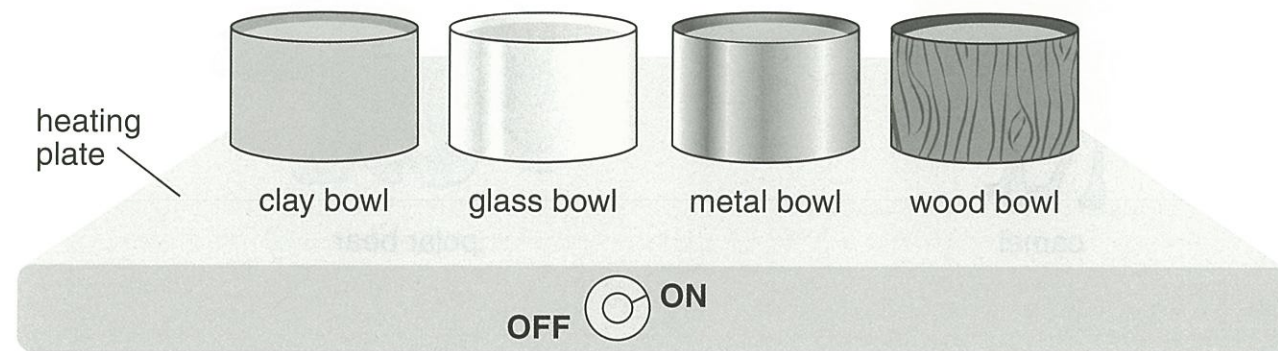
29

Which of these can grow?





In a test, four bowls of the same size are filled with water.  
The bowls are heated for two minutes.



**24** In which bowl will the water be hottest?

- A the clay bowl
- B the glass bowl
- C the metal bowl
- D the wood bowl

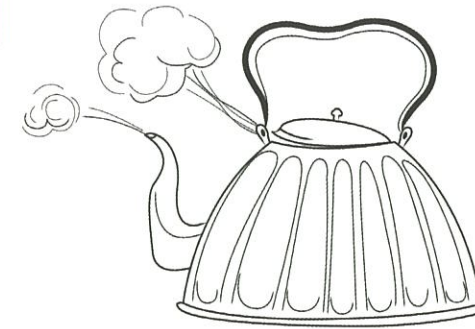
**25** Why was the same amount of water used in each bowl?

- A to save water
- B to make the test fair
- C to stop the water from boiling
- D to keep each bowl at the same mass

**26** Why are cooking pans made of metal?

- A Metals are shiny.
- B Metals are heavy.
- C Metals allow heat to pass through.
- D Metals are soft and easy to shape.

**16**



Water is boiled to make a hot cup of tea.  
What change occurs when water boils?

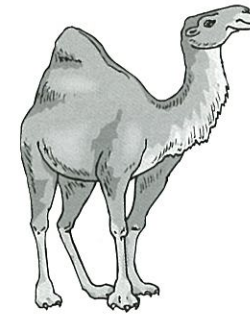
- A A solid becomes a liquid.
- B A solid becomes a gas.
- C A liquid becomes a gas.
- D A liquid becomes a solid.

**17** Boiling water involves

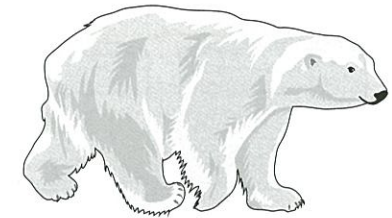
- A freezing.
- B heating.
- C melting.
- D cooling.



- 18** What is the turbine used for?
- A to drill for oil
  - B to cool the air
  - C to clean the air
  - D to make electricity
- 19** What makes the turbine spin?
- A falling rain
  - B moving air
  - C burning petrol
  - D the Sun heating the blades
- 20** Which of these is made of plant leaves?
- A tea
  - B rice
  - C wheat
  - D coffee



camel



polar bear

- 21** What is one way the camel is different from the polar bear?
- A The camel has two eyes.
  - B The camel has a short neck.
  - C The camel lives in a hot place.
  - D The camel needs food for energy.
- 22** What is the same about the camel and the polar bear?
- A They both have four legs.
  - B They both have a long tail.
  - C They both have sharp claws.
  - D They both have a large hump.
- 23** Which is true?
- A All animals eat plants.
  - B All animals can move.
  - C All animals live on land.
  - D All animals have two legs.