

Annual Examinations for Primary Schools 2018

YEAR 6

SCIENCE
Sample Paper

TIME: 45 minutes

School: _____

Name: _____

Class: _____

1. Look at the food plate and complete the table on the right.

a) Match the different food items to A, B, C, D or E.

An example has been done for you.

C	carrots
	chicken
	cabbage
	rice
	yoghurt
	strawberries

(5 marks)

b) Explain why it is important to keep a balanced diet.

_____ (2 marks)

2. Match each sentence in Column A to the correct word in Column B.

The first one is done as an example.

	Column A		Column B
a.	I give humans energy.		sun
b.	I slow down a falling object.		gravity
c.	I break a circuit.		moon
d.	I magnify images of objects.	a	food
e.	I give plants energy.		lens
f.	I appear to have different shapes.		air resistance
g.	I pull objects to the ground.		switch

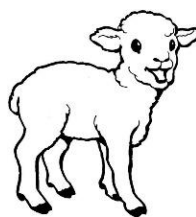
(6 marks)

3. Some materials can occur naturally and others are man-made.

a) Look at the pictures below and write the name of the material produced by each.



tree



lamb



quarry

(3 marks)

b) List **three** man-made materials.

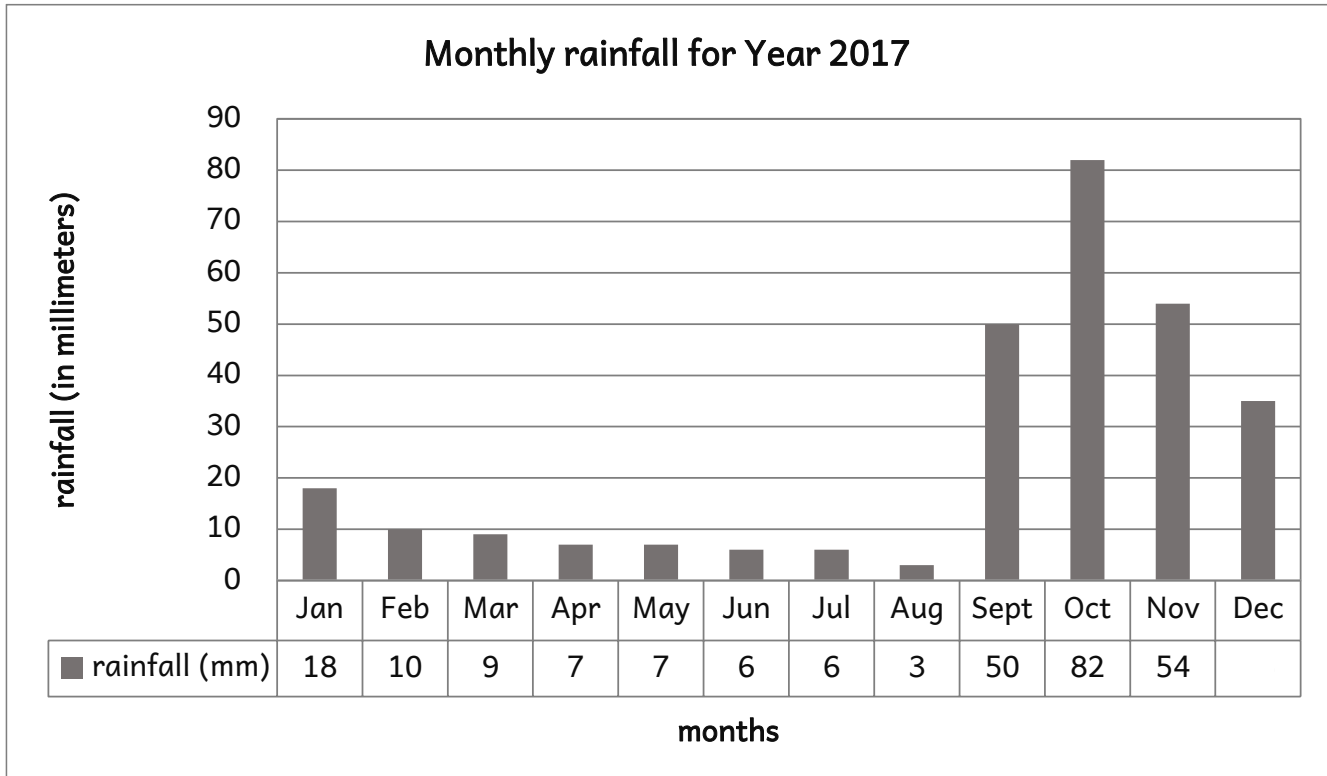
i. _____

ii. _____

iii. _____

(3 marks)

4. The bar chart below shows the monthly rainfall over a whole year.

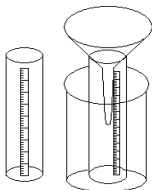


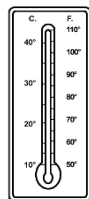
a) Which month has the **highest** rainfall? _____ (1 mark)

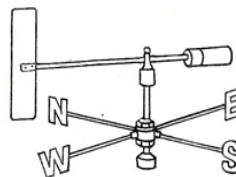
b) Fill in the missing amount of rainfall for the month of December in the bar chart above. (1 mark)

c) Calculate the difference in rainfall between October and August. ____ (2 marks)

d) Tick (✓) the weather instrument which measures rainfall.







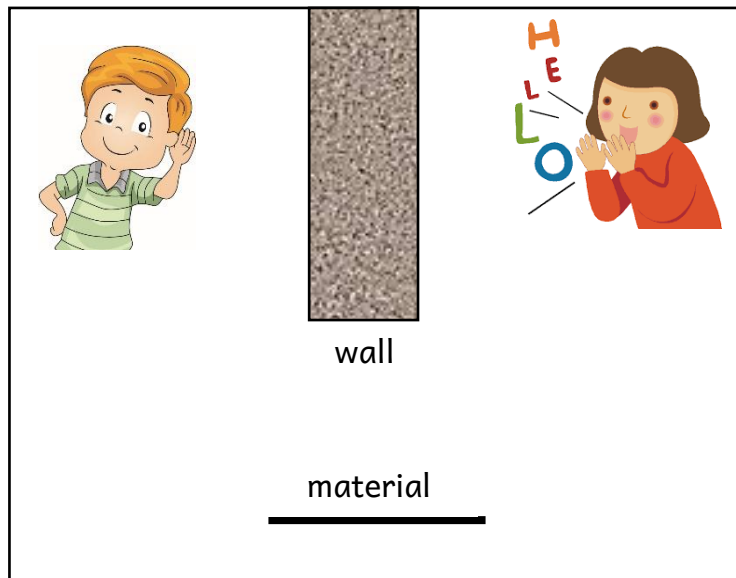
(1 mark)

e) Explain the problems farmers might face during the month of August.

_____ (2 marks)

5. Materials can absorb or reflect sound.

Look at the picture below. Two children are on either side of a wall.



a) Tick (✓) the best material that can be used to reflect the sound of the girl's voice.

plastic

paper

metal

(1 mark)

b) John is doing an experiment to investigate how to reduce the sound made by an alarm clock. He puts the alarm clock in a box and wraps some material around it.

i. Tick (✓) the best material that can be used to reduce the sound of the alarm clock.

cotton wool

cardboard

foil

(1 mark)

ii. What should John do to make the experiment a fair test?

(2 marks)

END OF PAPER