PSR SCIENCE PAPER 2 (Part 3)

Name: _____

Date: _____

8. (a) Figure 5a shows electric circuit setups to find the effects of increasing number of dry cells used in series circuit.

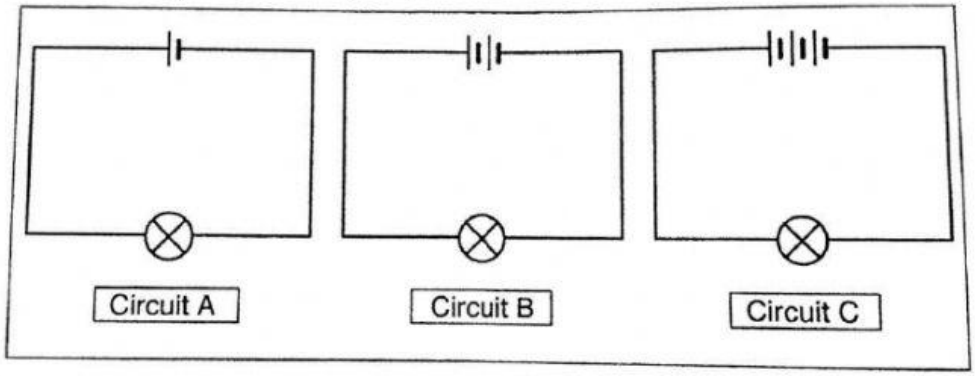


Figure 5a

(i) Which circuit will be the brightest?

_____

(1 mark)

(ii) Which circuit will be the dimmest?

_____

(1 mark)

(iii) Name the electric component with the symbol ⊗.

_____

(1 mark)

(iv) State one way you can save electricity at home.

_____

(1 mark)

LIVEWORKSHEETS

9. (a) Study the flowchart as in Figure 6.

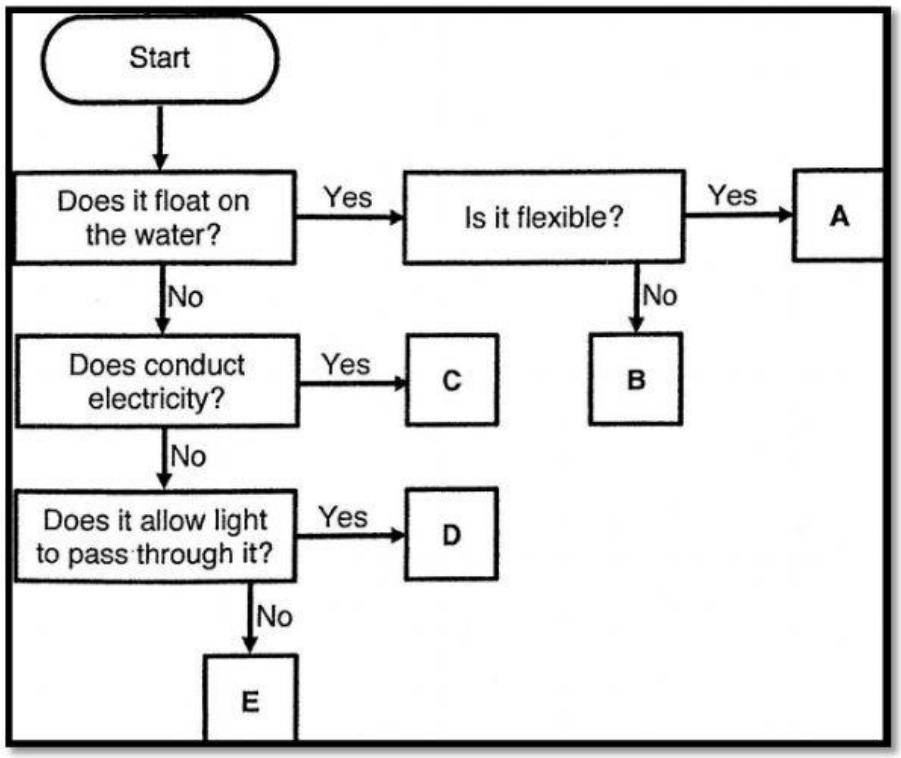


Figure 6

Harisah is trying to **find out the type of material** using the flowchart as in Figure 6. The objects that she has are shown in Figure 7.

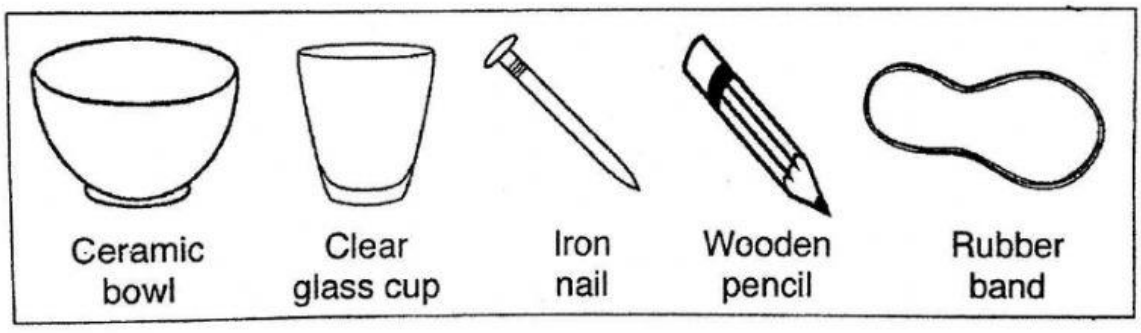


Figure 7

LIVEWORKSHEETS

In the table below, write down the objects that Harisah has classified correctly using the chart.

	Box	Object
(i)	A	
(ii)	B	
(iii)	C	
(iv)	D	
(v)	E	

(5 marks)

b) Many objects used in our daily lives are simple machines. There are many types of simple machines.

(i) How are machines useful to us?

_____

(1 mark)

LIVEWORKSHEETS

(ii) Figure 8 shows 3 different types of simple machine.

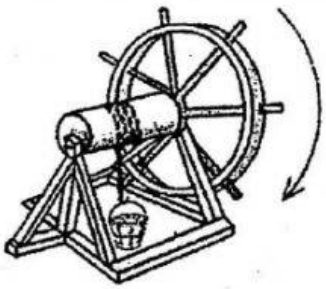
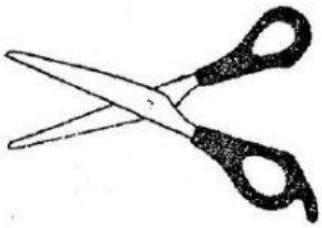
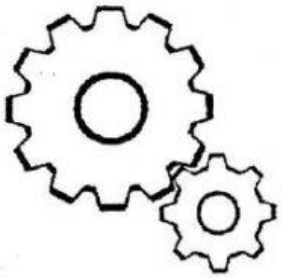
		
Simple Machine A	Simple Machine B	Simple Machine C

Figure 8

Name the simple machine in Figure 8.

A. Simple Machine A: _____

B. Simple Machine B: _____

C. Simple Machine C: _____

(3 marks)

LIVEWORKSHEETS