MOUNT CARMEL INTERNATIONAL SCHOOL, AKOLA



	Cambridge Internation	al
TERM END EXAM: II	Subject: Science	Date: 01.04.2024
Student's Name:		Roll No Grade: 3
Marks: 40 Tir	me Duration: 90 minutes	Invigilator's Sign.
Q.1 Arun sorts different r		or gas. Identify the picture a
a.		
Juice		Rock
	5	
Smoke	_	Butter
b. Solid butter changes	to liquid butter on	(1)
(heating, cooling, fre	eezing)	
c. Write any one prope	rty of liquid	(1)
d. Solids have a	shape (fixed, good)	(1)
Q.2. How do you separate	mixtures? Number the pic	ctures. (2)
a.		
b. Name the separation	n method	



Rice and beans

a. Circle the equipment she will choose to separate the mixture.







sieve

magnet

filter paper

b.	. Explain the reason to choose that equipment.						

Q.4. Arun measured the size of a shadow as he moved it towards light source. He recorded his results on the table below. (3)

Distance from light source (cm)	Size of shadow (cm)
25	4
20	9
15	16
10	22
5	29

a.	At distance from the light source the shadow was smaller.
b.	How did he make the shadow smaller?

c. For each test Arun moved the object _____ cm closer to the light source.

Q.	5.	Hassan	makes a	a shadow	, puppet	with	his	hands.
⊸.					, babba,		••••	



(4)

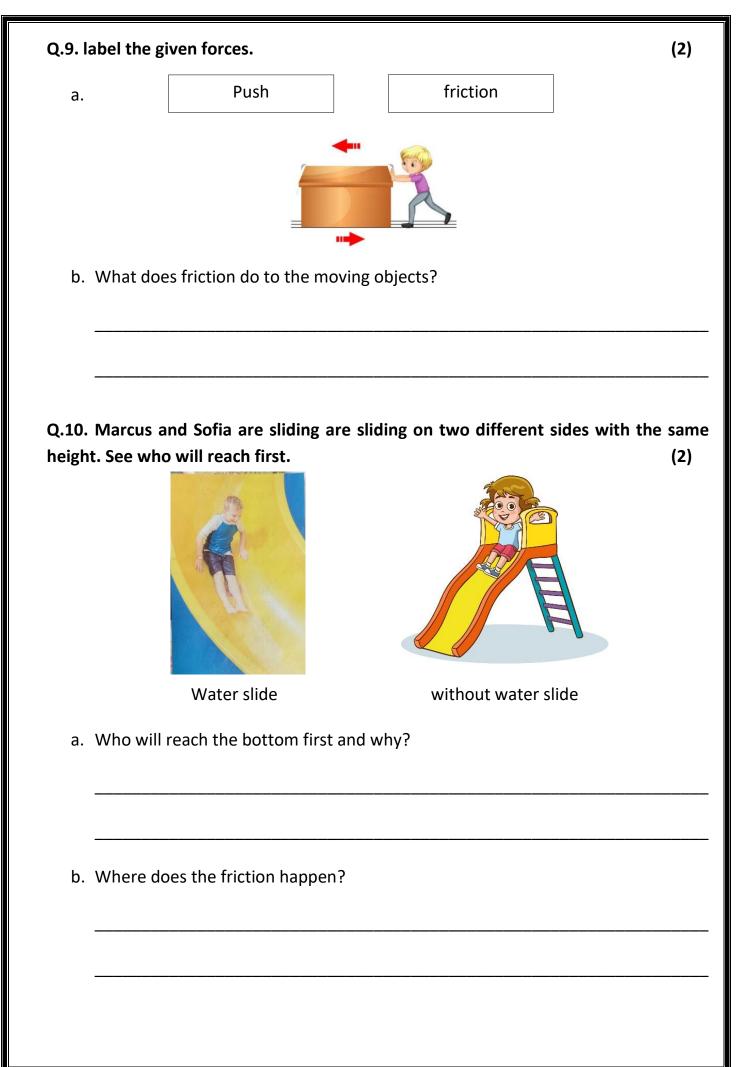
a.	Choose the correct word from the list and complete the sentence.	
	(Flexible, large, opaque, transparent)	
	Hassan makes a shadow puppet because his hands are	_·
b.	Describe how Hassan can make the shadow puppet in a different size.	
c.	A dark area appears on the wall.	
	What is the name of this dark area?	
6. 1	This piece of apparatus is being used to measure a force.	(2)

Q.



- a. What is the name of this piece of equipment? ______
- b. Force is measured in _____ (centimeter, kilograms, newton).

Q.7. Rajiv put towards the I			near one	of the big magı	nets. Th	he small magnet	moves
	N	S	-	x			
				small	magnet		
a. What is	s the pole a	at x on th	ie small m	agnet?			(1)
b. Magne	ts have No	rth and S	South end	s called		·	(1)
c. He put each di		nets in the	he differe		omplet	e the sentences	under (2)
		14		SN			
1. In th	nis position	the mag	gnets will		·		
		[N S				
			7				
2. He 1	then move	s the no	orth pole	of another mag	gnet to	the south pole	of the
han	ging magno	et what v	will happe	n?			
Q.8. Classify t	these mate	erials by	writing th	em in the corre	ect plac	ce in the table.	(3)
	(Al	uminium	n, rubber,	steel, gold, wo	od, roc	ck)	
		Magn	etic	Non - magn	etic		



Sun.	Aruna draws a diagram to show the relative moment of the Earth around the
a.	is a force that pulls objects towards the centre of the Earth. (1)
	una models the relative moment of the Earth. The picture shows the objects she es to represent the Earth and Sun. Sun Earth
b.	Write down two reasons why the object she uses for the Earth and Sun is not a good choice. (2)
C.	Is this sentence true or false? (1)
	The Earth and the Moon are both spheres
Q.12.	The diagram shows the phases of the Moon as seen in the southern hemisphere.
a.	Complete the diagram by drawing the correct shape for x. (1)
b.	The Moon travels around the Earth once every 29 days. We call this the Moon's

(1)

Q.13. Sarah is	using a	computer	to find o	ut more	about the I	Moon.
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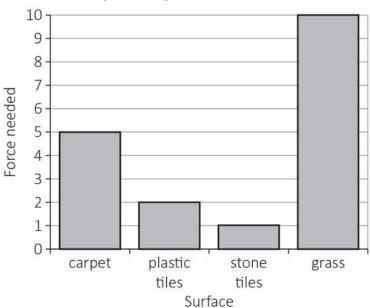
(1)

Which type of scientific enquiry is Sarah using. Research, fair testing, observing over time, identifying and classifying or pattern seeking?

Q.14. Marcus is testing the effect of pulling a tray over different surfaces. (4)

- He predicts that the surface that will need the most force will be carpet.
- He tests each surface and records the result in a bar chart.

Bar chart showing force needed to pull a tray on different surfaces



- a. Was Marcus' prediction right? _____
- b. Which surface had the least friction? _____
- c. How much more friction was there on carpet than on the plastic? ______
- d. Which surface needed the most force to pull the tray? _____
