MOUNT CARMEL INTERNATIONAL SCHOOL, AKOLA

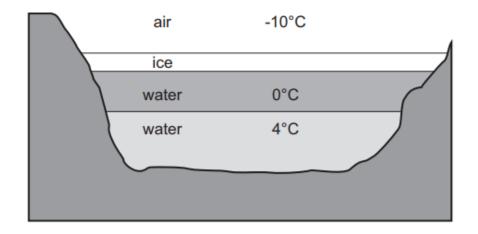
Cambridge International

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TERM END EXAM: II	Subject: Science	Date: 01.04.2024

Student's Name: _____ Roll No: ____ Grade: 4

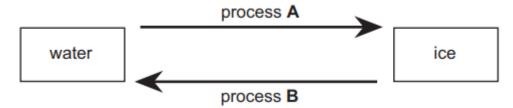
Marks: 40 Time Duration: 90 minutes Invigilator's Sign.

Q.1. Here is a cross section of a lake in winter.



- a. What is the temperature of the coldest liquid? Give the unit. (2)
- b. What part of the lake is solid? (1)
- c. What is the temperature of the gas? (1)

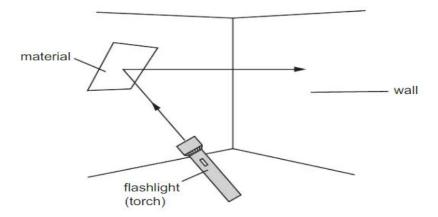
d. Write the processes that turn water to ice and ice to water. (2)



process A ______is process B is _____

light passes through the material give zero marks." Blessy says, "We need to make predictions."	Galileo Galilei was a scientist. He discovered that there are craters on the Moon What equipment did he use to see the craters on the Moon? (1)			
2. Oliver says, "If all the light passes through the material give it 10 mark light passes through the material give zero marks." Blessy says, "We need to make predictions." Blessy predicts a mark for black card, blue cloth and clear glass. Draw a line each material to the mark predicts. Material Mark black card 9 blue cloth 1 clear glass 7 3. Blessy makes to more predictions. White card=1 Green plastic=8 a. Blessy's predictions are correct. Explain why these materials have defined the material shape of the materials have defined and the material give it 10 marks. Mark Date of the material give zero marks." Mark Date of the material give zero marks. Mark Date of the mater		c. His eyes	A flashlight	a
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Q.3. Mike and Lily use of flashlight. They shine the light from the flash light on different materials. The light then travels onto the wall.

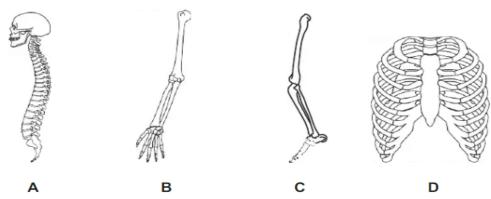


- a. Write down the name of one material that can be used in this investigation. (1)
- b. Complete the sentences. Choose the best words from the following. (2)

(absorbed, bounced, colour, direction)

The light from the flashlight is ______by material. When this happens the light changes ______.

Q.4. Here are some bones.



a. Which two of these sets of bones protect vital organs of the body? Choose from A, B, C and D.(2)

_____ and _____

b. What attaches to these bones to allow movement? (1)

a.	What will happen to the pearl? Explain the scientific reason related to the		
	process.	(
b.	Draw an energy chain for the energy transfers that took place.	(
C.	Suggest a question that you have investigated in above experiment.	(
٨	Lice your question to write a conclusion		
u.	Use your question to write a conclusion.	(:	

Q.6. Aaliya wants to identify four animals. a. Use the key below to identify the four animals. Write the correct letter in each box on the key. (4) Does it have a fin? No Yes Does it have a fin? Two Four Does it have fur? Yes No

a.	What part of the python's body can Amenda see? (1)	
b.	Pythons can grow 10 m long. What must this structure do as a snake gro	ws? (1)
c.	Pythons catch other animals. How are their teeth suited for this?	(1)
d.	Here is a picture of a python. How is its skin suited for hunting prey?	(1)
	Label the circuit.	(2)
b.	Blessy connects the electrical circuit for 10 days. After 10 days the lamp work. Explain why the lamp does not work.	does n

Q.9. Ben, Lea and Rosy investigate how well they can hear the playground bell.







Ben wearing fur hat

Lea wearing a woolly hat

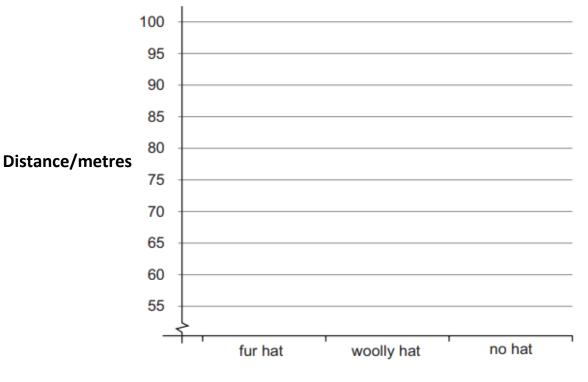
Rosy has no hat

Jess rings the bell. Ben, Lea and Rosy walk away from the bell while Jess keeps ringing it. They stop when they can no longer hear the bell. They each have a turn wearing the fur hat, the woolly hat or no hat. Here are their results in metres. Use A larger number means the child is further from the bell.

Types of hat	Ben	Lea	Rosy
Fur hat	80	70	55
Woolly hat	94	85	72
No hat	106	100	89

a. Plot the result on this bar chart for each hat that **Lea** wears.





Types of hat

b.	o. Which child has the best hearing? Circle the correct name.				(1)
	Ben	Le	a I	Rosy	
C.	When wearing the fulbell. What apparatus apparatus.				
	Metre rule	Stop watch	long ta	ape measure	
d.	The fur hat blocked th	e sound the most. Ho	w can you tell fr	om their result	s? (1)
e.	They decide to repeat	the test twice more.	Why is this good	idea?	(1)
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