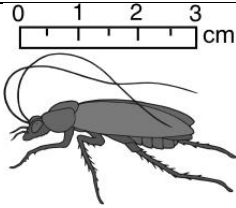
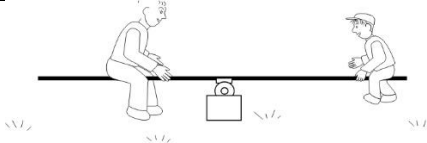



**QUESTION PAPER
SET- 18
SUBJECT : SCIENCE
GRADE : 6**

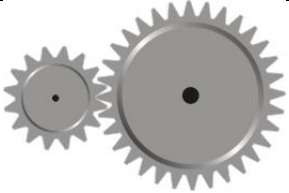
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
1.	2_9 science 4933	Motion and measurement of distances	An example of a force applied against the direction of motion is:		C
Answer Options					
		Option A	Option B	Option C	Option D
		opening a door	applying brakes suddenly to a moving car	a batsman hitting a cricket ball	drawing water from a well
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
2.	2_9 science 4942	Motion and measurement of distances	Communicating with the world and people in far-off places has become easy due to advances in technology. Identify the correct sequence below from the early tools to the latest:		C

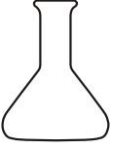
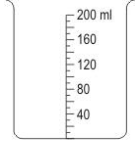


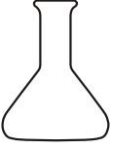
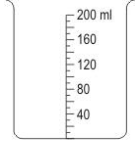


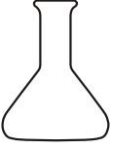
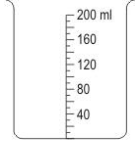



Answer Options			
Option A	Option B	Option C	Option D
telegraph, postal system, telephone, internet.	postal system, telegraph, internet, telephone.	postal system, telegraph, telephone, internet.	telephone, postal system, telegraph, internet.

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
3.	2_9 science 6005	Motion and measurement of distances	The picture shows a drawing of a cockroach. Its real length is 30 mm. Then the drawing is		D												
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















4.	2_9 science 6009	Motion and measurement of distances	The weight (mass) of a CLASS 6 STUDENT is most likely to be in the range of		B										
		<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>10-20 kg</td> <td>25-35 kg</td> <td>35-45 kg</td> <td>45-55 kg</td> </tr> </tbody> </table>				Answer Options				Option A	Option B	Option C	Option D	10-20 kg	25-35 kg
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)									
5.	2_9 science 6011	Motion and measurement of distances	Two children are playing on a see-saw. What can be said about the LOAD, EFFORT and FULCRUM of the see-saw?			C									
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)									

6.	2_9 science 6035	Motion and measurement of distances	David and Peter start at the same time from P to go to Q. David travels with the same speed without stopping anywhere, while Peter stops 4 times before reaching Q. Who will reach Q first?		D										
		<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>David</td> <td>Peter</td> <td>Both will reach at the same time</td> <td>We cannot say with the given information.</td> </tr> </tbody> </table>				Answer Options				Option A	Option B	Option C	Option D	David	Peter
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7.	2_9 science 6038	Motion and measurement of distances	Friction is a force that opposes motion. Friction acts in a direction opposite to the direction of motion. If there were no friction, what would happen to Sunita who is on roller skates?		B										
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8.	2_10 Science 4114	Motion and measurement of distances	The diagram below shows two toothed wheels of different sizes. Such wheels are called GEARS. Which of the following statements is true?		B												
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9.	2_10 Science 4118	Motion and measurement of distances	What could be the capacity of an overhead tank in a multi-storeyed building?		D												
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th>Option A</th> <th>Option B</th> <th>Option C</th> <th>Option D</th> </tr> </thead> <tbody> <tr> <td>30 litres</td> <td>300 litres</td> <td>3000 litres</td> <td>30000 litres</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	30 litres	300 litres	3000 litres	30000 litres
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
	2_10	Motion and	A scientist needs to measure 5 ml of a		C												

10.	Science 4119	measurement of distances	liquid. Which of these would be best for him to use?														
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11.	2_10 science 4121	Motion and measurement of distances	Does holding a long horizontal stick make it easier for a tight rope walker to maintain balance?		D												
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Answer Options																	
Option A	Option B	Option C	Option D														

		No, it is purely psychological.	Yes, the stick's weight places the walker firmly on the rope.	No, if he falls, the stick can be used for support.	Yes, slight adjustments of the stick can help the walker retain balance.	
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)
12.	2_10 Science 4122	Motion and measurement of distances	Chandrasekhar has to move up a load and is considering three different ways of doing it, as shown in the figure. Which one will require the least force to be used?			C
Answer Options						
Option A		Option B		Option C		Option D
P		Q		R		All will require the same force.
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)

13.	2_10 Science 4125	Motion and measurement of distances	Study this table which shows the lengths and drawings of some sharks. The length of the shark is 3.5m and it eats fish. Identify the shark.	<table border="1"> <thead> <tr> <th>Name</th> <th>Food</th> <th>Picture (to scale)</th> <th>Scale 3m</th> </tr> </thead> <tbody> <tr> <td>Basking sharks</td> <td>Plankton</td> <td></td> <td></td> </tr> <tr> <td>Mako sharks</td> <td>Blue fish, Herring</td> <td></td> <td></td> </tr> <tr> <td>Nurse sharks</td> <td>Crabs, oysters</td> <td></td> <td></td> </tr> <tr> <td>Thresher sharks</td> <td>Fish</td> <td></td> <td></td> </tr> <tr> <td>White sharks</td> <td>Sea lions, tuna, other sharks</td> <td></td> <td></td> </tr> <tr> <td>Tiger sharks</td> <td>Dolphins sea turtles, fish.</td> <td></td> <td></td> </tr> </tbody> </table>	Name	Food	Picture (to scale)	Scale 3m	Basking sharks	Plankton			Mako sharks	Blue fish, Herring			Nurse sharks	Crabs, oysters			Thresher sharks	Fish			White sharks	Sea lions, tuna, other sharks			Tiger sharks	Dolphins sea turtles, fish.			A
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14.	2_10 Science 4129	Motion and measurement of distances	Sunita is taking a train to Madurai. Her train has stopped at Trichinapally. She is facing the direction the train will be moving in. She can see a train next to her. The train is also going to Madurai and it leaves first. As the other train leaves, it seems to Sunita as if _____		A																												
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15.	3_1622391	Motion and measurement of distances	Ramesh announced in class: Yesterday I had fever and my body temperature was 100 degrees." Ravi said: "We learnt in the last period that water boils at a temperature of 100 degrees" Sonal said: "So Ramesh's temperature yesterday was close to the boiling point of water." What can we say about that conversation?"		D												
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4" data-bbox="439 652 2069 699">Answer Options</th> </tr> <tr> <th data-bbox="439 699 797 745">Option A</th> <th data-bbox="797 699 1144 745">Option B</th> <th data-bbox="1144 699 1588 745">Option C</th> <th data-bbox="1588 699 2069 745">Option D</th> </tr> </thead> <tbody> <tr> <td data-bbox="439 745 797 924">All are correct: human body temperature during fever is close to the boiling point of water.</td> <td data-bbox="797 745 1144 924">Ramesh is making some mistake - he is not remembering his temperature correctly.</td> <td data-bbox="1144 745 1588 924">Ravi is incorrectly recalling the boiling point of water he learnt about in class.</td> <td data-bbox="1588 745 2069 924">Ramesh and Ravi are correct, but they are using different measurement scales.</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	All are correct: human body temperature during fever is close to the boiling point of water.	Ramesh is making some mistake - he is not remembering his temperature correctly.	Ravi is incorrectly recalling the boiling point of water he learnt about in class.	Ramesh and Ravi are correct, but they are using different measurement scales.
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