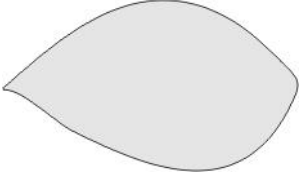
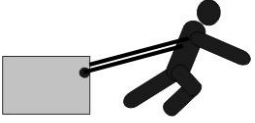

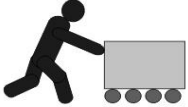
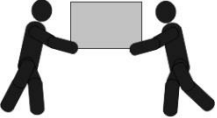
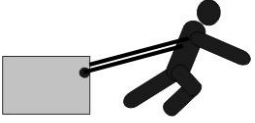

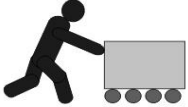
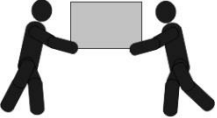
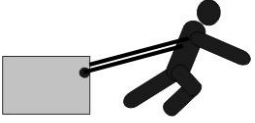

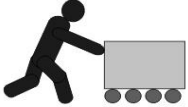
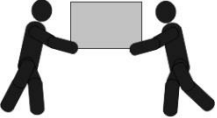


QUESTION PAPER
SET- 21
SUBJECT : SCIENCE
GRADE : 6


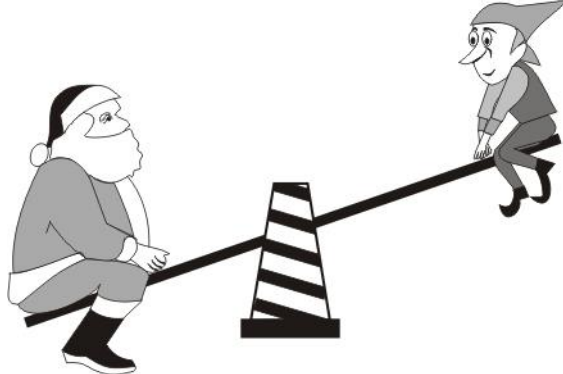
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)						
1.	2_9 Science 4936	Motion and Measurement of Distances	John's bedroom windows shake when crackers are burst near his house. Which of these scientific facts explains why this happens?		A						
					Answer Options						
					Option A	Option B	Option C	Option D			
					Sound waves transmit energy.	Heat waves transmit energy.	Light waves transmit energy.	Radio waves transmit energy.			
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)						
2.	1_3 Science 6590	Motion and Measurement of Distances	Ravi rolled a ball on a big table with a <u>glass top</u> and noted how far the ball travelled before stopping. He then covered the table with a <u>cloth</u> , rolled the same ball in the same way, and noted the result: The MAIN reason for the ball	<table border="1" style="border-collapse: collapse; width: 100%;"> <thead> <tr> <th style="width: 25%;">Type of surface</th> <th style="width: 75%;">Distance travelled by the ball before stopping</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Glass</td> <td style="text-align: center;">2 metres</td> </tr> <tr> <td style="text-align: center;">Cloth</td> <td style="text-align: center;">1 metre</td> </tr> </tbody> </table>	Type of surface	Distance travelled by the ball before stopping	Glass	2 metres	Cloth	1 metre	C
Type of surface	Distance travelled by the ball before stopping										
Glass	2 metres										
Cloth	1 metre										

		travelling further on the glass surface is likely to be:				
Answer Options						
Option A		Option B		Option C		
the cloth surface is smoother than the glass surface.		Ravi threw the ball with greater speed on the glass surface.		the glass surface is smoother than the cloth surface.		
				Option D		
				the ball is made of glass.		
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)
3.	1_3 Science 6600	Motion and Measurement of Distances	The best way to measure the exact length of this irregular solid (around the edge) is:			D
Answer Options						
Option A		Option B		Option C		
by using a metre scale.		by using a formula.		by using a piece of string.		
				Option D		
				by using a piece of string and a metre scale.		
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)

4.	1_3 Science 6605	Motion and Measurement of Distances	A box with some heavy objects has to be moved from one place to another. Which of these would be the easiest way to move the box?		C												
<table border="1" style="width: 100%; text-align: center;"> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th style="width: 25%;">Option A</th> <th style="width: 25%;">Option B</th> <th style="width: 25%;">Option C</th> <th style="width: 25%;">Option D</th> </tr> <tr> <td data-bbox="450 389 833 598">  A. PULLING </td> <td data-bbox="833 389 1169 598">  </td> <td data-bbox="1169 389 1637 598">  C. ROLLING OVER CYLINDRICAL BLOCKS </td> <td data-bbox="1637 389 2069 598">  D. CARRYING </td> </tr> </table>						Answer Options				Option A	Option B	Option C	Option D	 A. PULLING		 C. ROLLING OVER CYLINDRICAL BLOCKS	 D. CARRYING
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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.	1_3 Science 6606	Motion and Measurement of Distances	Preeti rubs her palms together. She feels them becoming warmer. This happens because:		B												
<table border="1" style="width: 100%; text-align: center;"> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th style="width: 25%;">Option A</th> <th style="width: 25%;">Option B</th> <th style="width: 25%;">Option C</th> <th style="width: 25%;">Option D</th> </tr> <tr> <td data-bbox="450 1190 833 1310">her palm is a good heat insulator.</td> <td data-bbox="833 1190 1169 1310">the friction between her palms produces heat.</td> <td data-bbox="1169 1190 1637 1310">there is increased blood circulation in the palm.</td> <td data-bbox="1637 1190 2069 1310">her body is heated.</td> </tr> </table>						Answer Options				Option A	Option B	Option C	Option D	her palm is a good heat insulator.	the friction between her palms produces heat.	there is increased blood circulation in the palm.	her body is heated.
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S.N	Folder Number &	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option												

	Question Code				- A, B, C, D)												
6.	1_3 Science 6615	Motion and Measurement of Distances	Ashish rides his bicycle at a speed of 10 km/hour. How long will Ashish take to cover a distance of 25 km if he travels at the same speed throughout his journey?		C												
<table border="1"> <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>two and a half days</td> <td>two hours</td> <td>two and a half hours</td> <td>one hour</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	two and a half days	two hours	two and a half hours	one hour
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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)												
7.	1_3 Science 6621	Motion and Measurement of Distances	The weight of an substance is 48N on earth. We get this by multiplying the mass of the substance by 9.8 ms^{-2} which is the acceleration due to gravity 'g'. The corresponding value of 'g' on the moon is one-sixth that of the earth. What will the weight of the substance be on the moon?		B												
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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)		
8.	1_3 Science 6630	Motion and Measurement of Distances	A girl wanted to play on a seesaw with her little brother. Which picture shows the best way for the girl, who weighed 50 kg (kilograms), to balance her brother, who weighed 25 kg?		D		
Answer Options							
Option A		Option B		Option C		Option D	
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)		
9.	3_16 2361	MOTION AND MEASUREMENT OF DISTANCES	Arrange the following from the CLOSEST to the FURTHEST from the earth-	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 2px;">SUN</div> <div style="border: 1px solid black; padding: 2px;">MOON</div> <div style="border: 1px solid black; padding: 2px;">MARS</div> <div style="border: 1px solid black; padding: 2px;">ANDROMEDA GALAXY</div> </div>	B		
Answer Options							
Option A		Option B		Option C		Option D	

		Sun, Moon, Mars, Andromeda Galaxy	Moon, Mars, Sun, Andromeda Galaxy	Sun, Moon, Andromeda Galaxy, Mars	Moon, Sun, Andromeda Galaxy, Mars	
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)
10.	3_16 2363	MOTION AND MEASUREMENT OF DISTANCES	What is the average length of these nails?			A
Answer Options						
		Option A	Option B	Option C	Option D	
		1.8 cm	1.4 cm	2.0 cm	1.5 cm	
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option - A, B, C, D)
11.	3_16 2371	MOTION AND MEASUREMENT OF DISTANCES	How must Santa and Elf sit so that no side of the seesaw is unbalanced and they can enjoy playing on it?			D


		Answer Options			
		Option A	Option B	Option C	Option D
		Elf can move closer to the middle.	Santa can move further to the edge.	Elf can stand up and jump	Santa can move closer to the middle
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
12.	3_17 1466	MOTION AND MEASUREMENT OF DISTANCES	The moon revolves around the Earth. This causes		D
		Answer Options			
		Option A	Option B	Option C	Option D
		day and night to be formed	the moon to appear bright throughout the night	seasons to occur on the Earth	the moon's visible shape to change during the month
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
13.	3_17 1468	MOTION AND MEASUREMENT OF DISTANCES	Four friends want to see who among them can throw a Frisbee (flying disc) the farthest. Each of them gives a testing method which they feel would be a fair test. Sruti: Each one of us should throw the		A

same Frisbee."
 Krupa:"Each of us can throw different Frisbees but it should of the same size and shape."
 Padma:"Each of us can throw different Frisbees but it should look the same."
 Nivedita:"Each of us can throw different Frisbees but it should have the same weight."
 Whose is the BEST method to have a fair test? "

Answer Options			
Option A	Option B	Option C	Option D
Sruti	Krupa	Padma	Nivedita

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)
14.	3_17 1469	MOTION AND MEASUREMENT OF DISTANCES	Three identical containers P, Q and R are taken, and kept - one on the terrace of a tall building; another on the terrace of a shorter building; and the third in an open space. After a rain, which one will have the highest level of water, assuming no overflow and no obstructions near the containers?		D

Answer Options			
Option A	Option B	Option C	Option D
P	Q	R	ALL THREE

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option - A, B, C, D)												
15.	3_17 1476	MOTION AND MEASUREMENT OF DISTANCES	Which force is responsible for the fact that a stone thrown with a catapult finally falls back on the ground?		C												
<table border="1"> <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>the force exerted by our muscles</td> <td>the force exerted by the stone</td> <td>the force exerted by the earth</td> <td>the force exerted by the catapult</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	the force exerted by our muscles	the force exerted by the stone	the force exerted by the earth	the force exerted by the catapult
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