

SET-14

CLASS- VII

SUBJECT- SCIENCE

TOPIC- REPRODUCTION IN PLANTS (CHAPTER -12), MOTION AND TIME(CHAPTER -13)

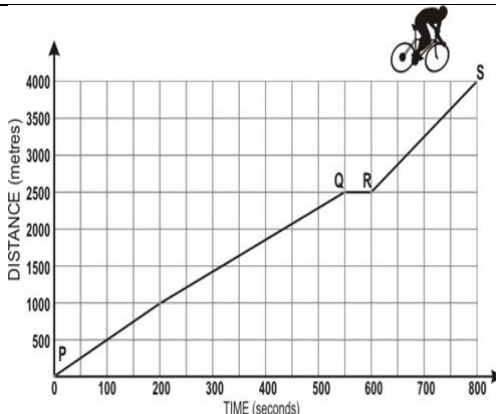
Q.N.	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
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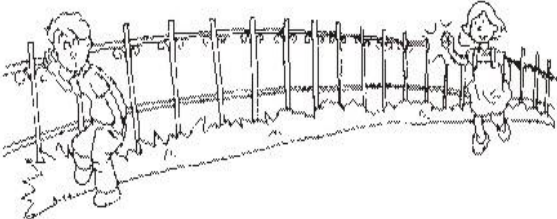
1.	1_3 Science 6640	REPRODUCTION IN PLANTS (CHAPTER -12)	Ashok placed some seeds on moist cotton in a shallow dish. He sprinkled some water on the seeds and put them in the refrigerator. The seeds did not germinate even after two days. What is the most likely reason for this?		C
		Answer Options			
		Option A	Option B	Option C	Option D
		The seeds did not get enough water.	The seeds did not get enough air.	The seeds were not provided the right temperature for germination.	The refrigerator did not work properly.


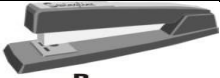


2.	4_24 Science 10264	Reproduction in Plants CHAPTER -12)	Reproduction is an important characteristic of living organisms. Which of the following groups do not reproduce? Group I Single.-celled organisms: Bacteria, Amoeba, Paramecium, etc. Group II: Plants: Rose plant, Grass, Coconut tree etc. Group III: Multi-cellular animals: Fungi, Insects, Reptiles, Mammals, etc.		D
		Answer Options			
		Option A	Option B	Option C	Option D
		Group I	Group II	Group I and II	All of them reproduce

3.	3_17 Science 1512	Motion And Time (CHAPTER 13)	<p>A cyclist starts at a point P and cycles in a straight line to a point S, 4 kilo metres away. His distance is noted every 100 seconds in a graph. Answer the question after studying it.</p> <p>During the journey from P to S</p>		B
		Answer Options			


		Option A	Option B	Option C	Option D
		the cyclist travelled at the same speed	the cyclist increased his speed after a short break	the cyclist decreased his speed after a short break	the cyclist decreased his speed continuously

4.	3_17 Science 1513	Motion And Time (CHAPTER 13)	<p>A cyclist starts at a point P and cycles in a straight line to a point S, 4 kilometres away. His distance is noted every 100 seconds in a graph. Answer the question after studying it.</p> <p>What was the average speed of the cyclist for the total journey?</p>		C				
						Answer Options			
						Option A	Option B	Option C	Option D
		3m/s	4m/s	5m/s	6.67m/s				

5.	3_17 Science 1508	Motion and Time (CHAPTER 13)	As the girl taps on the metal railing, the boy listening with his ear to it. How many sound does the boy hear and why?		B				
						Answer Options			
						Option A	Option B	Option C	Option D
						Two sounds (Sound travels faster through air than through the railing.)	Two sounds (Sound travels faster through the railings than through air.)	One sound because sound travels only through air.	One sound because sound travels only through the railings.


6.	3_17 Science 1495	Motion and Time (CHAPTER 13)	Which of the following simple machines has the fulcrum between the load and the effort?		C				
						Answer Options			
						Option A	Option B	Option C	Option D
						 A.	 B.	 C.	 D.

7.	3_16 Science 2409	Motion and Time (CHAPTER 13)	Shiddarath looked around his neighbourhood and made a list which he thought were examples of inclined planes. Which of the above are NOT examples of inclined planes?	<table border="1"> <tr> <td>1. ramp</td> <td>2. ladder</td> <td>3. see saw</td> <td>4. stairs</td> <td>5. wedge</td> <td>6. wheel barrow</td> </tr> </table>						1. ramp	2. ladder	3. see saw	4. stairs	5. wedge	6. wheel barrow	D
				1. ramp	2. ladder	3. see saw	4. stairs	5. wedge	6. wheel barrow							
				Answer Options												
				Option A	Option B	Option C	Option D									
2, 3 and 6	1 and 3	2, 4 and 5	3 and 6													

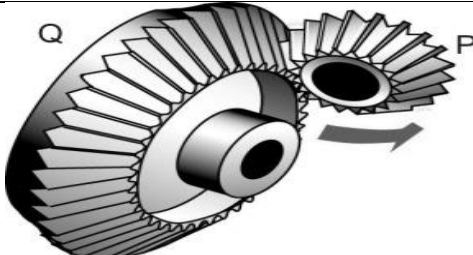
8.	3_16 Science 2413	Motion and Time (CHAPTER 13)	Identify the types of motion that can be observed in the given picture.					B		
				Answer Options						
				Option A	Option B	Option C	Option D			

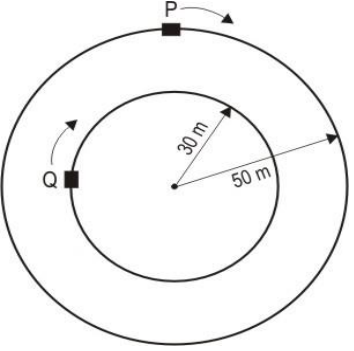
		rectilinear motion and circular motion	circular motion and oscillatory motion	oscillatory motion and rectilinear motion	rectilinear, oscillatory and circular motion
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9.	3_16 Science 2421	Motion and Time (CHAPTER 13)	What is the function of the 'quartz' in a quartz watch?		C
		Answer Options			
		Option A	Option B	Option C	Option D
		It is the source of energy that powers the watch.	it is a decorative stone used on the watch face	Its vibrations are used by the watch to keep time.	It is a very hard material that makes the watch durable.

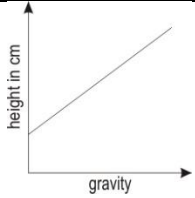
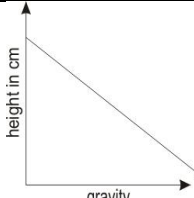
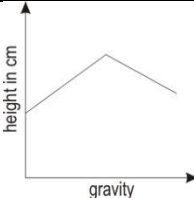
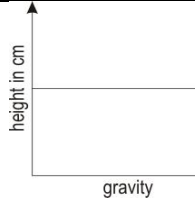
10.	3_16 Science 2440	Motion and Time (CHAPTER 13)	This traffic sign is an indicator that the road ahead.		A
		Answer Options			
		Option A	Option B	Option C	Option D

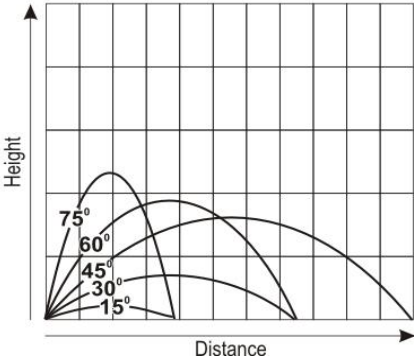
		has a steep ascent.	leads to the tip of a mountain.	is curving towards the right.	allows only cars and motorised vehicles.
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11.	3_16 Science 2445	Motion and Time (CHAPTER 13)	See the gear arrangement shown here. Gears P and Q can only rotate, they cannot shift or move. When gear P turns, gear Q will turn:			C				
							Answer Options			
							Option A	Option B	Option C	Option D
							in the same direction, at a slower speed	in the same direction, at a faster speed.	in a different direction, at a slower speed.	in a different direction, at a faster speed.

12.	3_17 Science 1538	Motion And Time (CHAPTER 13)	Two cars P and Q are moving at constant speeds on circular paths in such a way that when P completes one full circle, Q completes half a circle. The question is based on this.		B			
			Answer Options					
			Option A			Option B	Option C	Option D
			0 metres and 100 metres			20 metres and 80 metres	27.5 metres and 87.5 metres	30 metres and 70 metres

13.	3_15 Science 3573	Motion and Time (CHAPTER 13)	The table alongside shows the gravity on different planets relative to Earth (Earth gravity = 1). It also shows the height to which a person who can jump 1 metre on Earth would be able to jump on the planet. Which of the following graphs represents this datamost suitably?	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Planet</th> <th style="text-align: left;">Gravity</th> <th style="text-align: left;">Height Jumped</th> </tr> </thead> <tbody> <tr> <td>Mercury</td> <td>0.38</td> <td>263 cm</td> </tr> <tr> <td>Venus</td> <td>0.88</td> <td>114 cm</td> </tr> <tr> <td>Earth</td> <td>1.00</td> <td>100 cm</td> </tr> <tr> <td>Jupiter</td> <td>2.64</td> <td>38 cm</td> </tr> <tr> <td>Saturn</td> <td>1.15</td> <td>87 cm</td> </tr> <tr> <td>Uranus</td> <td>1.17</td> <td>85 cm</td> </tr> <tr> <td>Neptune</td> <td>1.2</td> <td>83 cm</td> </tr> </tbody> </table>	Planet	Gravity	Height Jumped	Mercury	0.38	263 cm	Venus	0.88	114 cm	Earth	1.00	100 cm	Jupiter	2.64	38 cm	Saturn	1.15	87 cm	Uranus	1.17	85 cm	Neptune	1.2	83 cm	B
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Answer Options			
Option A	Option B	Option C	Option D
			

14.	3_15 Science 3557	Motion and Time (CHAPTER 13)	When a javelin thrower throws the javelin, the distance it travels depends on the force with which it is thrown, as well as the angle at which it is thrown. The graph below shows the distance travelled for different angles when the same force is used. According to the graph, which angle of release would cause the javelin to go the farthest?	<p style="text-align: center;">Distance Javelin Travels When Thrown With Same Force</p> 	C				
						Answer Options			
						Option A	Option B	Option C	Option D

15.	3_15 Science 3560	Motion and Time (CHAPTER 13)	Some satellites are called 'geo-stationary' - they seem to hover above the earth, as they remain 36,000 km above a single point on the earth's surface and spin with the earth as it rotates. How much time would such a satellite take to complete one revolution of the earth?		B		
Answer Options							
Option A		Option B		Option C		Option D	
12 hours		24 hours		30 days		365 days	