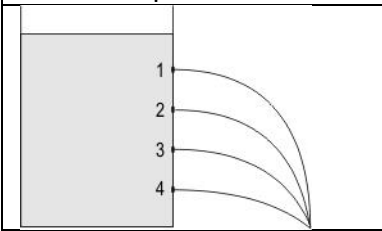
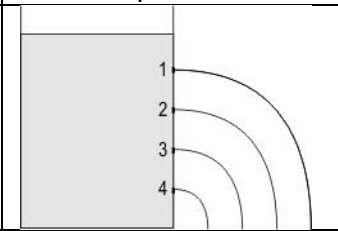
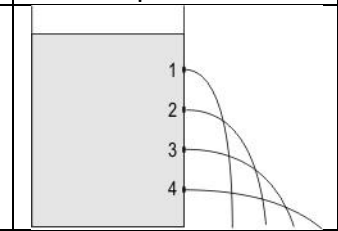
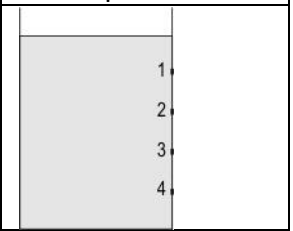
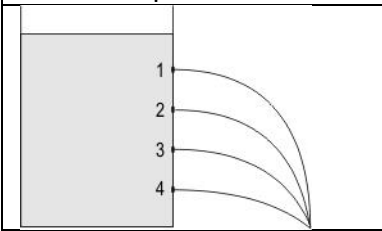
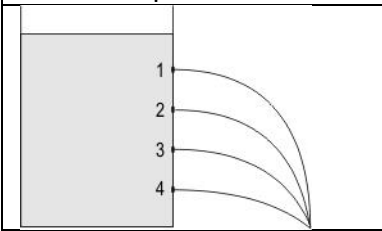
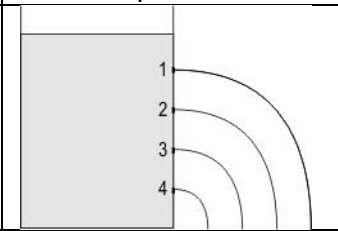
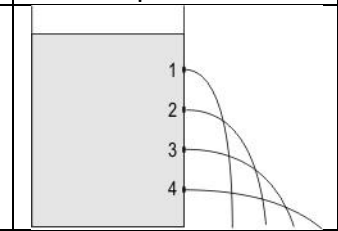
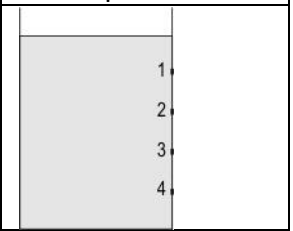
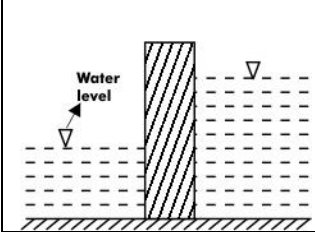
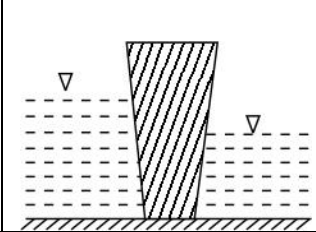
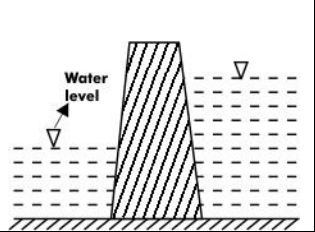
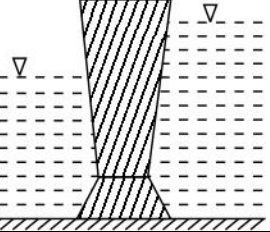
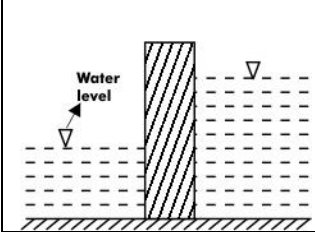
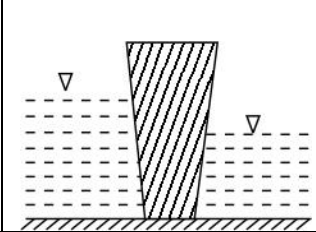
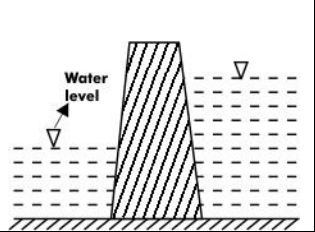
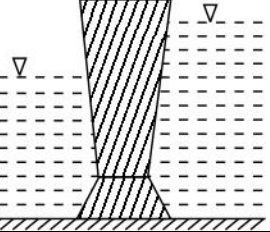
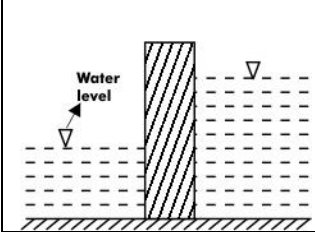
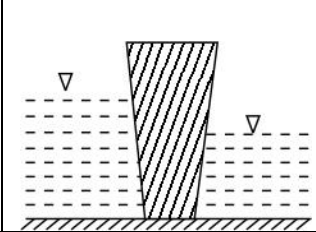
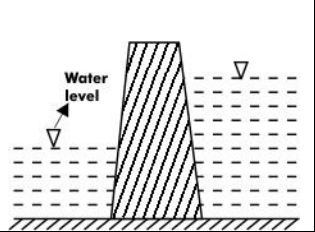
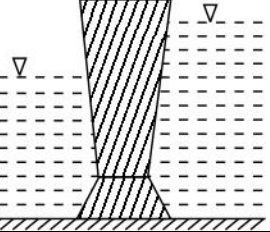
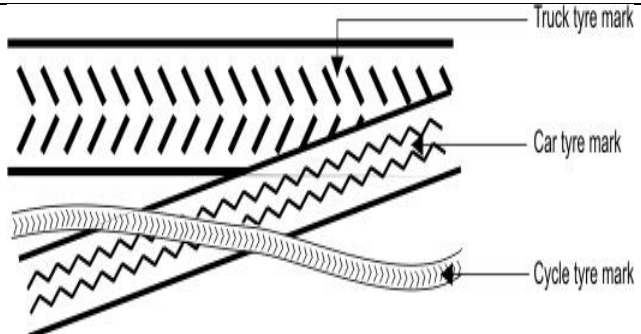


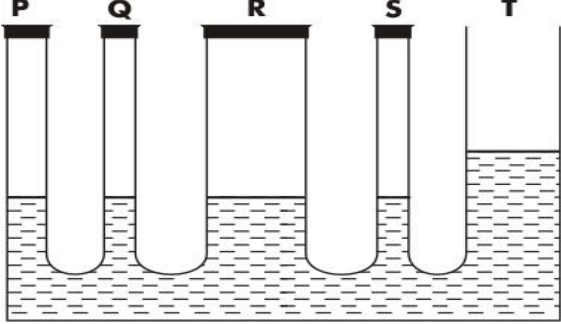
SET 14-CLASS VIII-SCIENCE

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 6070	Chapter 11 Force and Pressure	The figure shows a cylindrical can with four holes on one side. If water is filled in the can, which figure correctly represents the situation?		C								
				<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: center;">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> </thead> <tbody> <tr> <td style="text-align: center;">  </td> <td style="text-align: center;">  </td> <td style="text-align: center;">  </td> <td style="text-align: center;">  </td> </tr> </tbody> </table>	Answer Options				Option A	Option B	Option C	Option D	
Answer Options													
Option A	Option B	Option C	Option D										
													
2.	2_9 Science	Chapter 11 Force and Pressure	We know that the pressure of water increases with depth. Then, which of the		C								

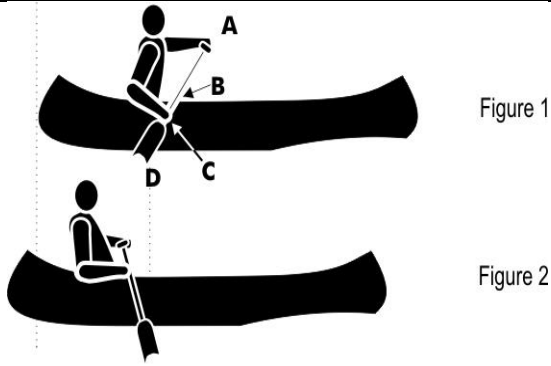

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	6080		following shows the most possible shape of a dam?														
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="4" style="text-align: center; padding: 5px;">Answer Options</th> </tr> <tr> <th style="width: 25%; text-align: center; padding: 5px;">Option A</th> <th style="width: 25%; text-align: center; padding: 5px;">Option B</th> <th style="width: 25%; text-align: center; padding: 5px;">Option C</th> <th style="width: 25%; text-align: center; padding: 5px;">Option D</th> </tr> <tr> <td style="text-align: center; padding: 10px;">  </td> <td style="text-align: center; padding: 10px;">  </td> <td style="text-align: center; padding: 10px;">  </td> <td style="text-align: center; padding: 10px;">  </td> </tr> </table>						Answer Options				Option A	Option B	Option C	Option D				
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3.	2_9 Science 6084	Chapter 11 Force and Pressure	A truck, a car and a cycle have left tracks on the mud. Police are trying to find out the order and direction in which these three vehicles passed. Can you help them?		C												

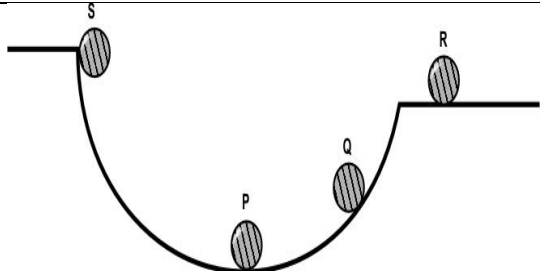
SET 14-CLASS VIII-SCIENCE

		Answer Options				
		Option A	Option B	Option C	Option D	
		First truck, then car, then cycle - all left to right.	First cycle, then car, then truck - direction not known.	First truck, then car, then cycle - direction not known.	Neither order nor direction can be found.	
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)	
4.	2_10 Science 4146	Chapter 11 Force and Pressure	A special container with tubes P, Q, R, S and T is designed as shown below. Tubes P, Q, R and S have stoppers at the top. What will happen to the water level in the different tubes if the stoppers in only P, R and S are removed?		C	
		Answer Options				
		Option A	Option B	Option C	Option D	
		The water level in all the tubes will remain unchanged.	The water level in all the tubes will become the same.	The water level in Q will be lower than the others, which will all be the same.	The water level in Q and S will be at one level; and in P, R and T at a higher level.	



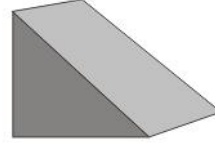
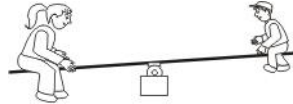
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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)							
5.	1_3 Science 7364	Chapter 11 Force and Pressure	Figure 1 below shows a boat as seen from a point above it. Figure 2 is the view of the same boat from the same point 5 seconds later. The oar that pushes the boat forward is like a lever having a Load, Effort and Fulcrum. Which point corresponds to the Fulcrum?		D							
												
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A	B	C	D									
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)							
6.	1_3 Science 6670	Chapter 11 Force and Pressure	$F = m \times a$. Here 'F' is Force, 'm' is mass and 'a' is acceleration. If 'a' is replaced by 'g' which is acceleration due to gravity, then 'F' will be replaced by		B							




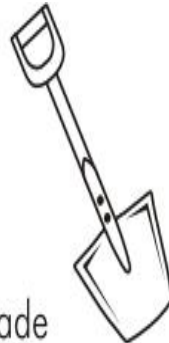
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Answer Options																	
Option A	Option B	Option C	Option D														
Mass	Weight	Pressure	Work done														
7.	2_9 Science 6069	Chapter 11 Force and Pressure	A ball is released from position S on the surface shown. Which of the following can be the position of the ball when it finally stops?	 <p>The diagram shows a ball on a track. The track starts with a horizontal segment on the left where the ball is at position S. It then curves down to a minimum point P, then curves up to a higher horizontal segment where the ball is at position R. There is also a point Q on the upward-sloping curve. The ball is shown at each of these four positions.</p>	D												
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Answer Options																	
Option A	Option B	Option C	Option D														
Definitely P	Definitely Q	Definitely R	P or R														
8.	2_10 Science	Chapter 11 Force and Pressure	Among the following simple machines, which is the odd one out?		D												

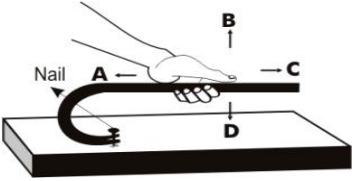

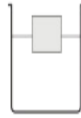

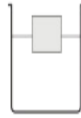

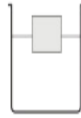

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	4149	Answer Options			
		Option A	Option B	Option C	Option D
		 A. ladder	 B. screw	 C. ramp	 D. see-saw
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)
9.	2_10 Science 4154	Chapter 11 Force and Pressure	Which of the simple machines shown below has the load between the fulcrum and the effort?		A
		Answer Options			
		Option A	Option B	Option C	Option D

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		 A. Bottle opener	 B. Scissors	 C. Pliers	 D. Spade
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)
10.	2_10 Science 4161	Chapter 11 Force and Pressure	I am travelling in a car, which is moving fast along a straight road. The car comes to a sudden halt. I will		A
Answer Options					
Option A		Option B		Option C	
Feel a force pulling me ahead.		Feel a force pushing me back.		Feel a force pushing me to the side.	
Option D					
Not feel any force at all.					
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)

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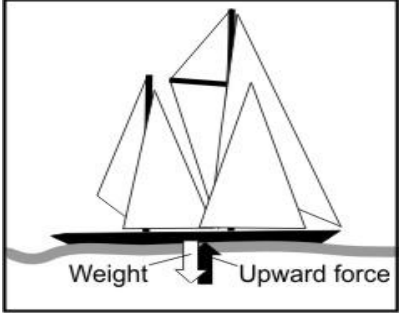
11.	3_15 Science 3590	Chapter 11 Force and Pressure	The picture here shows a nail being removed from a piece of wood. In which direction should force be applied		B											
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Answer Options																
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A	B	C	D													
12.	3_15 Science 3619	Chapter 11 Force and Pressure	What will happen if a solid having the SAME density as the liquid is placed in it?	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center; padding: 5px;"> When a solid is placed in a liquid having LOWER density, it sinks.  </td> <td style="width: 50%; text-align: center; padding: 5px;"> When a solid is placed in a liquid of HIGHER density, it floats.  </td> </tr> </table>	When a solid is placed in a liquid having LOWER density, it sinks. 	When a solid is placed in a liquid of HIGHER density, it floats. 	C									
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13.	3_16 Science 2454	Chapter 11 Force and Pressure	Lorna and Kiran (who weigh the same) went to their school's annual day wearing shoes as shown here. Whose shoes would make a		B											

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		deeper impression in the wet, sandy ground there	
Answer Options			
Option A	Option B	Option C	Option D
Lorna's shoes would make a deeper impression.	Kiran's shoes would make a deeper impression.	Both shoes will make impressions of the same depth	It depends on who is fatter, so we cannot tell.

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)
14.	3_16 Science 2477	Chapter 11 Force and Pressure	The rate of flow of a liquid is sometimes defined as the mass of the liquid flowing per unit time. Which of these could be the units of rate of flow defined this way?		B
Answer Options					
Option A		Option B		Option C	
kg/m		kg/s		m/s	
Option D		Option C			
M ³ /s		m/s			
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)

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15.	3_16 Science	Chapter 11 Force and Pressure	<p>The diagram below shows a boat floating on water. The arrows show the force of the water on the boat and also the downward weight force. If two people get into the boat what will happen to the sizes of these forces?</p>		A													
		2478	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: center;">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> </thead> <tbody> <tr> <td style="padding: 5px;">Both the weight and upward force will increase equally.</td> <td style="padding: 5px;">Both will increase, but the increase in the weight will be more.</td> <td style="padding: 5px;">The weight increases and the upward force decreases.</td> <td style="padding: 5px;">Both will increase, but the increase in the upward force will be more.</td> </tr> </tbody> </table>				Answer Options				Option A	Option B	Option C	Option D	Both the weight and upward force will increase equally.	Both will increase, but the increase in the weight will be more.	The weight increases and the upward force decreases.	Both will increase, but the increase in the upward force will be more.
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