SET 7- 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 6076	Chapter-6 COMBUSTION & FLAME	Though oxygen is a supporter of combustion and hydrogen is combustible, water - a compound of hydrogen and oxygen - is neither combustible nor supports combustion. Which of these correctly suggests why?		

Answer Options			
Option A	**Option B**	**Option C**	**Option D**
Option A	Option B	Option C	Option D
The constituents of a compound negate each other's properties	The properties of a compound differ from the properties of its constituents	Water is a mixture having 2 parts of hydrogen for every part of oxygen	Water is not at all effective in fighting petrol and some other fires.

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SET 7- VIII - SCIENCE

2.	**0_0** **Science** **9089**	Chapter-6 Combustion and Flame	Which of these best explains why a chullah fire (or a camp fire) burns brighter when it is fanned?		C

Answer Options			
Option A	**Option B**	**Option C**	**Option D**
the air tries to put out the fire, so the fire burns brighter	the amount of fuel available to the fire increases	the amount of oxygen available to burn increases	it removes the burnt ashes allowing the wood to burn

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** **6699**	Chapter-6 Combustion and Flame	Which of these is an ill-effect of a depleting ozone layer?		B

Answer Options			
Option A	**Option B**	**Option C**	**Option D**
infection of lungs	skin cancer	retarded growth	forest fires

SET 7- VIII - SCIENCE

<table>
<tr><td></td><td></td><td colspan="4"></td></tr>
<tr><td>S.N</td><td>Folder Number & Question Code</td><td>Topic</td><td>Question With Answers Options</td><td>Image (If Any)</td><td>Correct Answer (Option – A, B, C, D)</td></tr>
<tr><td>4.</td><td>1_3

Science 7406</td><td>Chapter-6 Combustion and Flame</td><td>Water was poured over a large oil fire to extinguish it. What would happen and why?</td><td></td><td>B</td></tr>
<tr><td colspan="6"><table>
<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>
<tr><td>The fire will be put off since water extinguishes fires</td><td>The fire will spread since oil floats on water</td><td>The fire will be put off since water dissolves oil.</td><td>The fire will spread since water contains hydrogen that is a combustible gas</td></tr>
</table></td></tr>
<tr><td>S.N</td><td>Folder Number & Question Code</td><td>Topic</td><td>Question With Answers Options</td><td>Image (If Any)</td><td>Correct Answer (Option – A, B, C, D)</td></tr>
<tr><td>5.</td><td>2_9

Science 5023</td><td>Chapter-6 Combustion and Flame</td><td>One of the effects of depleting green vegetation is reduction in the amount of oxygen in the earth's atmosphere. This effect will be similar to shifting from</td><td></td><td>B</td></tr>
<tr><td colspan="6"></td></tr>
</table>

SET 7- VIII - SCIENCE

		Answer Options			
		Option A	**Option B**	**Option C**	**Option D**
		a mountain top to sea level	sea level to a mountain top	sea level to below sea level	the poles to Sahara desert.
S.N	**Folder Number & Question Code**	**Topic**	**Question With Answers Options**	**Image (If Any)**	**Correct Answer (Option – A, B, C, D)**
6.	**2_10** **Science 4213**	Chapter-6 Combustion and Flame	In a movie, a spaceship explodes and continues to burn as it moves through space. This can NOT happen because		A
		Answer Options			
		Option A	**Option B**	**Option C**	**Option D**
		space does not have oxygen.	gases expand in a vacuum.	spaceships are made of metals that cannot explode.	would have extinguished the fire.
S.N	**Folder Number & Question Code**	**Topic**	**Question With Answers Options**	**Image (If Any)**	**Correct Answer (Option – A, B, C, D)**
7.		Chapter-6 Combustion	Which of these provides the energy for the motion of a		A

SET 7- VIII - SCIENCE

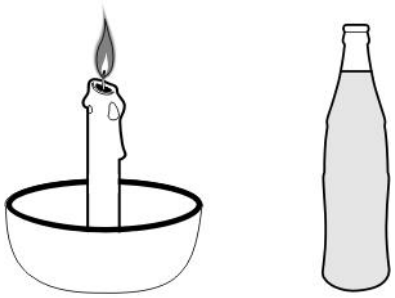
	2_9 **Science 5085**	and Flame	petrol car?		

Answer Options			
Option A	**Option B**	**Option C**	**Option D**
Petrol	Its battery	Its engine	Petrol and its battery

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 7291**	Chapter-6 Combustion and Flame	Calorie is a unit of energy. Some food items mention on their label a certain number of calories. What is the reason for this?		B

Answer Options			
Option A	**Option B**	**Option C**	**Option D**
Food is used to measure energy.	The calorie figure indicates how much energy the food would give when eaten.	The calorie figure indicates how much energy was used to make the food item.	Food items having more than a certain number of calories are banned.

SET 7- VIII - SCIENCE

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)
9.	**1_3** **Science 7299**	Chapter-6 Combustion and Flame	Kiran's mother placed a candle in a bowl as shown and lit it. A little while later, Kiran opened a bottle of Pepsi and poured it quickly into the bowl. What will happen?		B

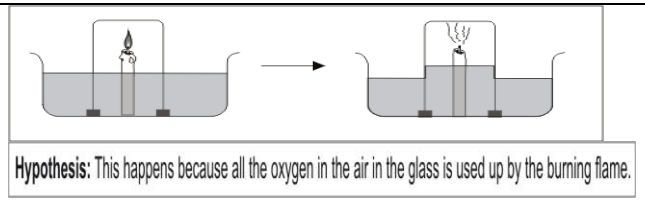
Answer Options			
Option A	**Option B**	**Option C**	**Option D**
The candle flame will burn brighter.	The candle flame will be put out.	The candle and flame will be completely unaffected.	The candle will break.

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)
10.	**2_9**	Chapter-6 Combustion and Flame	Students of a class were asked to select a source of energy that is ENVIRONMENT FRIENDLY. Which among these should they select?		B

SET 7- VIII - SCIENCE

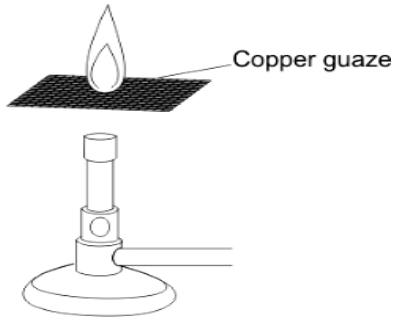
<table>
<tr><td></td><td>Science 5962</td><td colspan="4"><table><tr><th colspan="4">Answer Options</th></tr><tr><th>Option A</th><th>Option B</th><th>Option C</th><th>Option D</th></tr><tr><td>Petrol</td><td>Solar energy</td><td>Cooking gas</td><td>Coal</td></tr></table></td></tr>
<tr><th>S.N</th><th>Folder Number & Question Code</th><th>Topic</th><th>Question With Answers Options</th><th>Image (If Any)</th><th>Correct Answer (Option – A, B, C, D)</th></tr>
<tr><td>11.</td><td>2_9

Science 6047</td><td>Chapter-6 Combustion and Flame</td><td>Which type of pollution is caused by bursting a lot of crackers during Diwali?</td><td></td><td>B</td></tr>
<tr><td colspan="5"><table><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><tr><td>Water pollution</td><td>Air and sound pollution</td><td>Light and sound pollution</td><td>Only sound pollution</td></tr></table></td></tr>
<tr><td>12.</td><td>3_15 Science

3628</td><td>Chapter-6 Combustion and Flame</td><td>When a lighted candle placed partly in a trough of water is covered by an inverted glass, water rushes up as shown and the flame extinguishes. The above means that:</td><td> 
</td><td>C</td></tr>
</table>

SET 7- VIII - SCIENCE

<table>
<tr><td></td><td></td><td colspan="4">
<table>
<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>
<tr><td>We knew that the statement in the box was true even before doing the experiment.</td><td>We knew that the statement in the box was false even before doing the experiment.</td><td>We believe that the statement in the box explains the observation but need to check it.</td><td>Our experiment has shown us that the statement in the box is the correct explanation.</td></tr>
</table>
</td></tr>
<tr><td rowspan="2">13.</td><td rowspan="2">4_23
Science

9107</td><td>Chapter-6
Combustion and Flame</td><td>A fine copper gauze is taken and placed about half a centimeter above a Bunsen Burner. When the gas is switched on and lighted above the gauze, the flame burns only above the copper gauze as shown in the figure. This demonstrates that:</td><td> 
</td><td>A</td></tr>
<tr><td colspan="4">
<table>
<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>
<tr><td>Copper is a very good conductor of heat.</td><td>Copper is a very poor conductor of heat.</td><td>The wire gauze blocks the flow of oxygen.</td><td>The wire gauze block the flow of the gas.</td></tr>
</table>
</td></tr>
</table>

SET 7- VIII - SCIENCE

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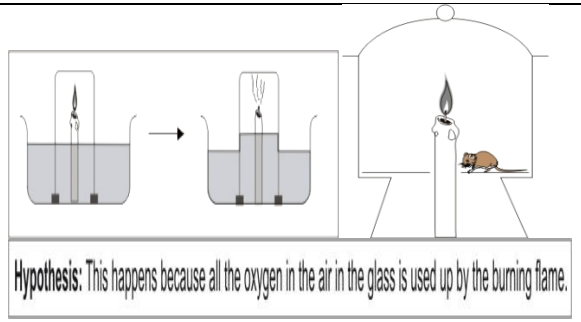
<tr><td>14.</td><td>3_15
Science

3629</td><td>Chapter-6
Combustion and Flame</td><td>When a lighted candle placed partly in a trough of water is covered by an inverted glass, water rushes up as shown and the flame extinguishes. If the above hypothesis is true, what will happen after the candle blows out in this new experimental set-up</td><td>  </td><td>A</td></tr>
<tr><td colspan="5"><table>
<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>
<tr><td>The mouse will die or show signs of suffocation.</td><td>There will be no change in the mouse's behaviour.</td><td>The glass will break and the mouse will escape.</td><td>The mouse will become visibly more active.</td></tr>
</table></td></tr>
<tr><th>S.N</th><th>Folder Number & Question Code</th><th>Topic</th><th>Question With Answers Options</th><th>Image (If Any)</th><th>Correct Answer (Option – A, B, C, D)</th></tr>
<tr><td>15.</td><td>2_10

Science
4204</td><td>Chapter-6
Combustion and Flame</td><td>Which chemical change takes place when vinegar is added to baking soda?</td><td></td><td>A</td></tr>
<tr><td colspan="5"></td></tr>
</table>

SET 7- VIII - SCIENCE

		Answer Options			
		Option A	**Option B**	**Option C**	**Option D**
		A gas is released.	A blue powder is formed.	The combination burns.	The colour of the solution changes
S.N	**Folder Number & Question Code**	**Topic**	**Question With Answers Options**	**Image (If Any)**	**Correct Answer (Option – A, B, C, D)**
		Answer Options			
		Option A	**Option B**	**Option C**	**Option D**