

**KOTHARI INTERNATIONAL SCHOOL, NOIDA**  
**TERM END ASSESSMENT, SESSION: 2024-25**  
**GRADE: 8 SUBJECT: SCIENCE**  
**SET A**  
**SECTION A (OBJECTIVE)**

**DAY & DATE: 19 FEBRUARY 2025, WEDNESDAY TIME ALLOTTED: 30 MINUTES**  
**MAXIMUM MARKS: 20** **GRADE/SEC: \_\_\_\_\_**  
**NAME: \_\_\_\_\_** **ROLL NO: \_\_\_\_\_**

**GENERAL INSTRUCTIONS:**

- i). This question paper contains 20 questions. All questions are compulsory.
- ii). Section A : Question Nos.1 to 13 carries 1 mark each.
- iii). Section B : Questions No. 14 to 20 carries 1 mark each.

<b>SECTION A</b>																	
<b>Choose the correct option out of the following options.</b>																	
<b>Q1.</b>	<b>What are involved in reproduction in both animals and plants?</b>  A. uterus and embryo B. ovary and testes C. ovule and stigma D. ovary and embryo	<b>(1)</b>															
<b>Q2.</b>	<b>In the flow chart, which fuel could be gasoline? (Tick A, B, C or D)</b>  <div style="text-align: center;"> <pre> graph TD     Q1[Is it obtained from petroleum?] -- yes --&gt; Q2[Is it used as fuel for cars?]     Q1 -- no --&gt; Q3[Is it used as fuel for cars?]     Q2 -- yes --&gt; A[A]     Q2 -- no --&gt; B[B]     Q3 -- yes --&gt; C[C]     Q3 -- no --&gt; D[D]           </pre> </div>	<b>(1)</b>															
<b>Q3.</b>	<b>Concentrated aqueous sodium chloride is electrolyzed using inert electrodes. Gases X and Y are produced at the electrodes shown. What are X and Y?</b>  <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 20%;">X</th> <th style="width: 20%;">Y</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>chlorine</td> <td>Hydrogen</td> </tr> <tr> <td>B</td> <td>hydrogen</td> <td>chlorine</td> </tr> <tr> <td>C</td> <td>hydrogen</td> <td>Oxygen</td> </tr> <tr> <td>D</td> <td>oxygen</td> <td>hydrogen</td> </tr> </tbody> </table> <div style="margin-left: 20px; margin-top: 10px;"> </div>		X	Y	A	chlorine	Hydrogen	B	hydrogen	chlorine	C	hydrogen	Oxygen	D	oxygen	hydrogen	<b>(1)</b>
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Q10.	<p><b>Which glands become more active during puberty, sometimes leading to acne and pimples?</b></p> <p>A. tear gland C. salivary glands</p> <p>B. sweat and sebaceous glands D. pancreatic gland</p>	(1)															
Q11.	<p><b>Which statement about petroleum is incorrect?</b></p> <p>A. It can be separated into useful substances by fractional distillation. B. It consists mainly of hydro-sulphates. C. It is found underground in many parts of the world. D. One of its main use is for making lubricants and polishes.</p>	(1)															
Q12.	<p><b>Which row identifies a substance present in clean air and a substance that is a pollutant in air?</b></p> <table border="1" data-bbox="513 621 1179 884"> <thead> <tr> <th>Option</th> <th>present in clean air</th> <th>pollutant in air</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>oxides of nitrogen</td> <td>Nitrogen</td> </tr> <tr> <td>B</td> <td>carbon dioxide</td> <td>sulfur dioxide</td> </tr> <tr> <td>C</td> <td>carbon monoxide</td> <td>oxygen</td> </tr> <tr> <td>D</td> <td>nitrogen</td> <td>argon</td> </tr> </tbody> </table>	Option	present in clean air	pollutant in air	A	oxides of nitrogen	Nitrogen	B	carbon dioxide	sulfur dioxide	C	carbon monoxide	oxygen	D	nitrogen	argon	(1)
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Q13.	<p><b>Which gland is often referred as the “master gland” because it regulates the activity of many other endocrine glands?</b></p> <p>A. Pituitary gland B. Thyroid gland C. Adrenal glands D. Pancreas</p>	(1)															
<p><b>SECTION B</b></p> <p>Each question consists of two statements, namely Assertion (A) and Reason (R). For selecting the correct answer use the following code: (Please write the correct option in the box. Do not write the full sentence.)</p> <p>(a) Both Assertion (A) and Reason (R) are the true and Reason (R) is a correct explanation of Assertion (A). (b) Both Assertion (A) and Reason (R) are the true but Reason (R) is not a correct explanation of Assertion (A). (c) Assertion (A) is true and Reason (R) is false. (d) Assertion (A) is false and Reason (R) is true. (e) Both Assertion (A) and Reason (R) are false.</p>																	
Q14.	<p>Assertion (A) : Hormones travel through the bloodstream to reach their target sites.</p> <p>Reason (R) : The bloodstream provides a rapid and efficient transport system.</p>	<input type="checkbox"/> (1)															
Q15.	<p>Assertion (A) : The amount of heat produced by the incomplete combustion of 1 kilogram of fuel is known as its calorific value.</p> <p>Reason (R) : 60 kg of fuel was completely burnt for an experiment. The amount of heat energy was found to be 1,80,000 kJ. The calorific value of the fuel is 3,000 kJ/g.</p>	<input type="checkbox"/> (1)															

