



**INDIAN SCHOOL SOHAR**  
**TERM – I EXAM (2019-20)**  
**SUBJECT : SCIENCE**  
**CLASS : V**

**SET-A**

**Date of Exam: 26.09.19**

**Time Allotted: 2 hours**

**Max. Marks: 40**

(Note: This question paper consists of 2 printed pages. Please check that you have all the pages.)

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**I. Give one word for the following.**

( $\frac{1}{2} \times 5 = 2\frac{1}{2}$ )

1. A gas that does not support burning.
2. An instrument to measure capacity.
3. Round, coloured part of our eye.
4. Molten rock present inside the earth's core.
5. Substance that expands when frozen.

**II. Give reasons for the following statements.**

( $1 \times 5 = 5$ )

1. Nowadays, hand span is not used to measure length.
2. We can move our arms in circular motion but not our knees.
3. Gases can flow but solids cannot.
4. Pumice is the only rock that can float.
5. Mesosphere is very important for us.

**III. Give 2 examples for each of the following.**

( $\frac{1}{2} \times 3 = 1\frac{1}{2}$ )

1. Metallic minerals                      2. Gas dissolved in liquid                      3. Air exerts pressure

**IV. Define the following.**

( $1 \times 4 = 4$ )

1. Lava                      2. Ligaments                      3. Filtration                      4. Fathom

**V. Fill in the following blanks.**

( $\frac{1}{2} \times 5 = 2\frac{1}{2}$ )

1. .... is a process in which insoluble impurities are allowed to settle down.
2. In melting, a solid changes into a .....
3. .... rock is formed from sandstone.
4. .... is used to measure temperature.
5. .... nerves that carry messages from different parts of the body to brain or spinal cord.

**VI. Correct the underlined words and rewrite the following statements.**

( $\frac{1}{2} \times 5 = 2\frac{1}{2}$ )

1. Miscible liquids do not dissolve completely in each other.
2. Gneiss is formed from pumice.
3. Humerus is the longest bone present in our lower limbs.
4. The hottest layer of the atmosphere is stratosphere.
5. Handspan is the length between the tip of the middle finger and the elbow.

**VII. Write the difference between the following. (One point each)**

**(1×4=4)**

1. Igneous and metamorphic rocks
2. Troposphere and stratosphere
3. Pivot and hinge joint
4. Physical and chemical change

**VIII. Write answers in short.**


**(1×5=5)**

1. How is coal extracted from the ground? Write any 2 uses of coal.
2. What is cartilage? Name 2 organs that have cartilage.
3. How heating and cooling affect the movement of particles?
4. Define measurement. Write the standard unit of length.
5. What do you mean by impurities? Write the kinds of impurities.

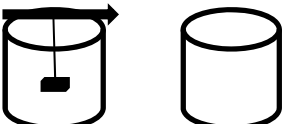
**IX. Look at the picture carefully and answer the questions.**

**(2×3=6)**

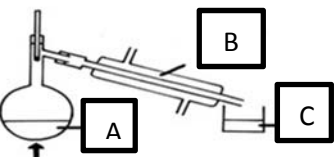
**A.**

	<ol style="list-style-type: none"><li>1. Identify the picture.</li><li>2. Write its function.</li><li>3. Define sternum.</li><li>4. What are floating ribs?</li></ol>
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**B.**

	<ol style="list-style-type: none"><li>1. Name the process.</li><li>2. Define it.</li><li>3. Where is it used?</li><li>4. Name the special chemical used in it.</li></ol>
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**C.**

	<ol style="list-style-type: none"><li>1. Name the process.</li><li>2. Label A, B, and C.</li><li>3. Name the purest form of water.</li><li>4. Write any one use of it.</li></ol>
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**X. Answer the following in detail.**

**(2×3=6)**

1. What are reflex actions? Explain in steps using a diagram.
2. Define magnets. Write its types. Explain it using a diagram.
3. Draw and explain the composition of air. Write any 2 uses of air.

**XII. HOTS.**

**(1×1=1)**

**Renu is helping her mother in making tea using milk, sugar and tea leaves. But she observed that while sieving the tea, only tea leaves left in the sieve. Why?**



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**I. Give one word for the following.**

( $\frac{1}{2} \times 5 = 2\frac{1}{2}$ )

1. An instrument to measure mass.
2. A gas that does not support burning.
3. Outer visible part of our ear.
4. Rocks that have fossils in them.
5. Substance that expands when frozen.

**II. Give reasons for the following statements.**

( $1 \times 5 = 5$ )

1. Nowadays, cubit is not used to measure length.
2. Hair and mucus is present in our nose.
3. Liquids can flow but solids cannot.
4. Pumice is the only rock that can float.
5. Stratosphere is very important for us.

**III. Give 2 examples for each of the following.**

( $\frac{1}{2} \times 3 = 1\frac{1}{2}$ )

1. Non-metallic minerals      2. Solid dissolved in liquid      3. Air exerts pressure

**IV. Define the following.**

( $1 \times 4 = 4$ )

1. Magma      2. Tendons      3. Evaporation      4. Fathom

**V. Fill in the following blanks.**

( $\frac{1}{2} \times 5 = 2\frac{1}{2}$ )

1. ....is a process in which insoluble impurities are allowed to settle down.
2. In freezing, a liquid changes into a .....
3. ....rock is formed from graphite.
4. ....is used to measure capacity.
5. ....nerves that carry messages from brain or spinal cord to different parts of the body.

**VI. Correct the underlined words and rewrite the following statements.**

( $\frac{1}{2} \times 5 = 2\frac{1}{2}$ )

1. Immiscible liquids dissolve completely in each other.
2. Slate is formed from pumice.
3. The round coloured part of the eye is retina.
4. The hottest layer of the atmosphere is exosphere.
5. Handspan is the length between the tip of the middle finger and the elbow.

**VII. Write the difference between the following. (One point each)**

**(1×4=4)**

1. Igneous and metamorphic rocks
2. Troposphere and mesosphere
3. Gliding and hinge joint
4. Physical and chemical change

**VIII. Write answers in short.**


**(1×5=5)**

1. How is coal extracted from the ground? Write any 2 uses of coal.
2. What are muscles? Name 2 types of muscles.
3. How heating and cooling affect the movement of particles?
4. Define measurement. Write the standard unit of temperature.
5. What do you mean by impurities? Write the kinds of impurities.

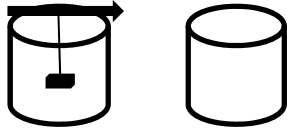
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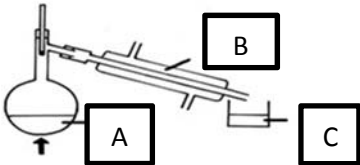
**A.**

	<ol style="list-style-type: none"><li>1. Identify the picture.</li><li>2. Write its function.</li><li>3. Write the number of bones present in it.</li><li>4. Define vertebrae.</li></ol>
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**B.**

	<ol style="list-style-type: none"><li>1. Name the process.</li><li>2. Define it.</li><li>3. Where is it used?</li><li>4. Name the special chemical used in it.</li></ol>
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**C.**

	<ol style="list-style-type: none"><li>1. Name the process.</li><li>2. Label A, B, and C.</li><li>3. Name the purest form of water.</li><li>4. Write any one use of it.</li></ol>
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**X. Answer the following in detail.**

**(2×3=6)**

1. What are reflex actions? Explain in steps using a diagram.
2. Define magnets. Write its types. Explain it using a diagram.
3. Draw and write the composition of air. Write any 2 uses of air.

**XII. HOTS.**

**(1×1=1)**

**Renu is helping her mother in making tea using milk, sugar and tea leaves. But she observed that while sieving the tea, only tea leaves left in the sieve. Why?**