



CHEMISTRY

BOOKS - PSEB

MATTER IN OUR SURROUNDINGS

Exercise

1. Convert the following temperatures to the celsius scale.

A. 293K

B. 470K

C.

D.

Answer:



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2. Convert the following temperatures to the kelvin scale.

A. $253 \text{ } ^\circ\text{C}$

B. $373 \text{ } ^\circ\text{C}$

C.

D.

Answer:



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3. Give reasons for the following observations. Naphthalene balls disappear with time without leaving any solid.



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4. Give reasons for the following observations.

We can get the smell of perfume sitting several metres away.



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5. Arrange the following substances in increasing order of forces of attraction between the particles-sugar,water,oxygen.



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6. What is the physical state of water at -

A. $25\text{ }^{\circ}\text{C}$

B. $0\text{ }^{\circ}\text{C}$

C. $100\text{ }^{\circ}\text{C}$

D.

Answer:



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7. Give to reasons to justify -Water at room temperature is a liquid.



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8. Give to reasons to justify -an iron almira is solid at room temperature .



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9. Why is ice at 273 K more effective in cooling than water at the same temperature?



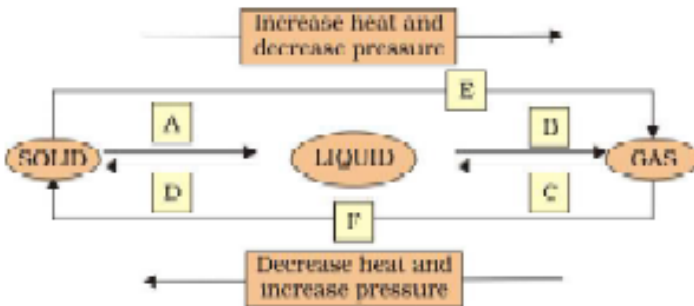
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10. What produces more severe burns, boiling water and steam?



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11. Name A,B,C,D,Eand F in the following diagram showing change in the state :



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