

**Science - Class Six**

Name: \_\_\_\_\_ Roll No: \_\_\_\_\_

School: \_\_\_\_\_

نوٹ: سوالات پرچے میں دی گئی جگہ پر ہی حل کریں۔ اضافی کاپی ہرگز مہیا نہیں کی جائے گی۔ معروضی میں کاٹ کر یا مٹا کر لکھے گئے جوابات غلط تصور ہوں گے۔

Total Marks	Obtained Marks	Grade	Remarks	Examiner Sign
50				

{Objective Type}

**Q. No. 1: Fill in the blanks:****10**

- The earliest thermometer devised by Galileo was an \_\_\_\_\_.
- \_\_\_\_\_ should not be employed, if the solvent is known as \_\_\_\_\_.
- A substance commonly used in thermometers is \_\_\_\_\_.
- Today scientists recognized that heat is a form of \_\_\_\_\_.
- All gases increase in solubility as the temperature is \_\_\_\_\_.

**Q. No. 2: Tick ( ✓ ) the right option.****5**

- Potential energy of the body is due to:
  - position
  - motion
  - force
  - location
- It is a point at which lever lifts or moves object:
  - effort
  - load
  - fulcrum
  - velocity
- Chisel, cutting tools and hypodermic needles are example of:
  - lever
  - pulleys
  - wedge
  - none of these
- Triceps brachii muscle is an example of:
  - first class
  - second class
  - third class
  - fourth class
- Geothermal energy is obtained by the:
  - earth surface
  - sun
  - wind
  - water

**Q. No. 3: Write (T) for true and (F) for false:****5**

- When the liquid is heated, its molecules leave the surface of liquid.
- Muddy water is an example of colloidal solution.
- There are 100 equal parts called degrees on celsius.
- We cannot see through opaque materials.
- Sometimes solubility helps in purification of substances.


{Subjective Type}

**Note: Answer the following questions. (any five)**

**30**

1. How does temperature change the phases of matter?

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2. What is solution? Write its different types.

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3. Differentiate between saturated and unsaturated solution?

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4. Write a short note on sublimation?

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5. What is crystallization? Explain.

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6. Write a note on energy crisis?

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7. What do you know about quantity and intensity of heat?

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