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the constituent atoms or molecules, such as their average kinetic energy, but possess

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behavior of these quantities is governed by the four laws of thermodynamics which convey a quantitative description using measurable macroscopic physical quantities, but may be explained in terms of microscopic constituents by statistical

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aspects of thermal physics by
presenting thermodynamics and
statistical mechanics as
complementary theories based on
small numbers of postulates.

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the Greek words ‘therme’ and
‘dynamic which means _____. A.

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Heat power. B. Heat transfer. C.
Heat energy. D. Heat motion

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mechanics grew out of an earlier
field called thermodynamics,

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which was concerned with the thermal properties of liquids and gasses. It grew up around it, and then subsumed it.

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5. Thermodynamics —
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magnetization and polarization of
a system is called
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