

Sample Extract

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1] Which of the following is the SI unit of electric current?

(A) Volt (B) Ampere (C) Ohm (D) Watt

Answer: (B) Ampere.

The ampere is one of the seven base units of the SI system. It is defined by fixing the elementary charge at $1.602176634 \times 10^{-19}$ coulomb.

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2] Bauxite is the principal ore of which metal?

(A) Copper (B) Iron (C) Aluminium (D) Zinc

Answer: (C) Aluminium.

Bauxite is refined to alumina by the Bayer process, then reduced to aluminium by the Hall-Heroult electrolytic process. India's reserves are concentrated in Odisha, Jharkhand and Gujarat.

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3] Which vitamin deficiency causes scurvy?

(A) Vitamin A (B) Vitamin C (C) Vitamin D (D) Vitamin K

Answer: (B) Vitamin C.

Ascorbic acid is required for the hydroxylation of proline in collagen synthesis.

Without it, connective tissue weakens, causing bleeding gums and poor healing.

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