

Yakeen NEET 2.0 2026

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Units and Measurements

DPP: 3

Q1 Candela is the unit of:

- (A) Electric intensity
- (B) Luminous intensity
- (C) Sound intensity
- (D) None of these

Q2 $\text{Kg} - \text{m/s}$ is a unit of

- (A) Energy
- (B) Momentum
- (C) Force
- (D) Pressure

Q3 Density of wood is 0.5gm/cc in the CGS system of units. The corresponding value in MKS units is:

- (A) 500
- (B) 5
- (C) 0.5
- (D) 5000

Q4 Temperature can be expressed as a derived quantity in terms of

- (A) Length and mass
- (B) Mass and time
- (C) Length, mass and time
- (D) None of these

Q5 Which of the following is not a physical quantity?

- (A) Time
- (B) Current
- (C) Hotness
- (D) Temperature

Q6

Which of following is a fundamental physical quantity?

- (A) Angle
- (B) Charge
- (C) Temperature
- (D) Inertia

Q7 Velocity is a derived physical quantity which depends on _____ fundamental quantities.

- (A) zero
- (B) 1
- (C) 2
- (D) 4

Q8 If we compare 3 units : millimeter, kilogram and micro second. Which unit is largest?

- (A) millimeter
- (B) microsecond
- (C) kilogram
- (D) the units are not comparable

Q9 Newton/metre^2 is the unit of:

- (A) Energy
- (B) Momentum
- (C) Force
- (D) Pressure

Q10 Dimensional formula of heat energy is:

- (A) $\text{ML}^2 \text{T}^{-2}$
- (B) MLT^{-1}
- (C) $\text{M}^0 \text{L}^0 \text{T}^{-2}$
- (D) None of these



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Answer Key

Q1 (B)

Q2 (B)

Q3 (A)

Q4 (D)

Q5 (C)

Q6 (C)

Q7 (C)

Q8 (D)

Q9 (D)

Q10 (A)



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