

UNIT & MEASUREMENT (ARJUNA NEET BATCH)

PHYSICS

- 1. Which of the following is not a physical quantity?
- 10 (A) Time
- (B) Current
- (C) Hotness
- (D) Temperature
- **2.** Which of following is a fundamental physical quantity?
- 10 (A) Angle
- (B) Charge
- (C) Temperature
- (D) Inertia
- **3.** Kgm/s is a unit of
 - (A) Energy

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- (B) Momentum
- (C) Force
- (D) Pressure
- **4.** Current can be expressed as a derived quantity in terms of any of the following
- (A) Length & mass
 - (B) Time & temperature
 - (C) Mass & time
 - (D) None of these
- 5. Candela is the unit of
 - (A) Sound intensity
 - (B) Luminous intensity
 - (C) Charge
 - (D) Energy
- **6.** Which of the following is a derived unit?
 - (A) Unit of mass
- (B) Unit of area
- 10 (C) Unit of time
- (D) Unit of current

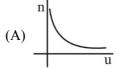
- 7. Velocity is a derived physical quantity which depends on fundamental quantities.
 - (A) zero
- (B) 1 10

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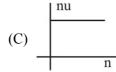
(C) 2

- (D) 4
- **8.** Which of the following is a characteristic of unit?
 - (A) Must be universally accepted.
 - (B) Must be well defined and invariable.
 - (C) Easily available and suitable size.
 - (D) all the above.
- **9.** Which of the following group of physical quantity can be considered as a group of fundamental physical quantity?
 - (A) Mass, momentum, velocity
 - (B) Displacement, time, velocity
 - (C) Force, mass, acceleration
 - (D) Time, force, velocity
- 10. Which of the following graph is correct: n = magnitude of measurement & u = unit of measurement.

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(D) None of these



Answer Key

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1. C 2. C 3. B 4. D 5. B 6. B 7. C 8. D 9. C 10. D