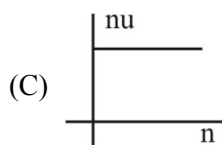
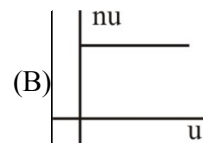
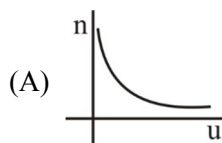




## UNIT & MEASUREMENT (ARJUNA NEET BATCH)

### PHYSICS

1. Which of the following is not a physical quantity?  
(A) Time (B) Current  
(C) Hotness (D) Temperature
2. Which of the following is a fundamental physical quantity?  
(A) Angle (B) Charge  
(C) Temperature (D) Inertia
3.  $\text{Kg m/s}$  is a unit of  
(A) Energy (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  
(C) Unit of time (D) Unit of current
7. Velocity is a derived physical quantity which depends on \_\_\_\_\_ fundamental quantities.  
(A) zero (B) 1  
(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.



(D) None of these



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## Answer Key

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