

## PPSC Physics Chapter 1 MECHANICS

Sr	Questions	Answers Choice
1	Which quantity has different base units from the other three.	A. Density x volume x velocity B. Rate of change of momentum C. The Young's modulus x area D. Weight
2	Which of the following quantity has a unit that can be expressed in terms of just two different SI base units.	A. Area B. Change C. Electric current D. Length
3	Supplementary units radian and steradian were established for	A. Density B. Viscosity C. electric intensity D. Geometrical quantities
4	Which of the following is dimensionless.	A. Strain B. Stress C. Pressure D. Volume
5	The SI unit of plane angle is	A. Radian B. Degree C. Steradian D. Radian per second
6	Which of the following is a set of supplementary units.	A. Radian and steradian B. Radian and mole C. Steradian and candela D. Radian and kelvin
7	Which quantity has dimensions different from the others.	A. Energy per unit volume B. Force per unit area C. Angular momentum per unit mass D. Pressure
8	The unit formed by combining the fundamental units of length, mass and time.	A. Absolute units B. Practical units C. Base unit D. Derived units