Dear Students, First of all blessings to all from inner core of the heart and greetings to the lovely children with plenty of sweets and chocolates. After that here is some questions in the form of fill in the blanks.

(1) LT^{-2} is the dimensional formula of… …….
(2) The SI unit of pressure on the basis of its dimension is… ….
(3) The v-t graph for a body moving with constant velocity is…. ….to the time axis.
(4) Rest and motion are… …….terms.
(5) The slope of v-t graph measures… …………
(6) The numerical ratio of velocity and speed of an object is… ……
(7) A bullet fired vertically upwards falls at the same place after some time. The displacement of the bullet is… …….
(8) If an object moves along… ……….then the distance and displacement have the same magnitude.
(9) A body moves on a circular path of radius r, the displacement covered by the body in $1/4^{th}$ revolution is… ……..
(10) A ball hits a wall with a velocity of 30 m/s and rebounces with the same velocity. The change in its velocity is… ……….
(11) The nature of v-t graph for uniform motion is a… …………parallel to the… …..axis.
(12) If the s-t graph is parallel to the displacement axis then the velocity of the particle is… ………
(13) The area under v-t graph represent… ………..
(14) …………is used to measure distance covered by the body.
(15) A kite flying on a windy day is an example of… ………dimensional motion.
(16) Distance covered by an object can never be… …………
(17) An insect crawling on the globe is an example of… ……………dimensional motion.
(18) The motion of bullet fired from the gun is an example of… ……….dimensional motion.
(19) The dimensional formula of constant 'a' in Vader Wall's equation $(P + a/v^2)(V-b)$ =Constant is… …..,here P is pressure and V is volume.
(20) Force F is given by, F= at + bt^2,where t is time. The dimensions of 'a' and 'b' are …………….,………..

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