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Class 11Sc Sub Physics(Revision) Dt 14 10 XX

Fill in the blanks :-

- 1 The dot product of two like unit vectors is...**
- 2 The angular velocity of second needle of a clock is...rad/s**
- 3 The addition of two vectors is...**
- 4 The product of two vectors is not commutative.**
- 5 Electric current is not a...quantity.**
- 6 The SI unit of angle is**
- 7 The angle made by the largest arc of a circle at its centre is...radian**
- 8 In case of a projectile the acceleration along horizontal direction is...**
- 9 If an object is thrown at an angle 45 degree to the horizontal the ratio of horizontal range (R) to maximum height (H) is...**

10 For a projectile square of range is equal to 48 times of square of square of maximum height obtained. The angle of projection is... ..

11 Two equal vectors have a resultant equal to either. The angle between them is... ..

12 The angular speed of a flywheel making 120 revolutions /minute is... ..

13 If the magnitude of cross product of two vectors A & B is equal to their dot product then angle between them is... ..

14 If the range of height of a projectile are equal, then angle of projection with horizontal is... ..

15 The SI unit of gravitational constant on the basis of dimensional formula is... ..
