22/05/2020

Class :11

CHEMISTRY.Chapter : Some Basic Concepts in Chemistry.1. What is significant figure ?2. Explain certain and uncertain figures.3. Find out significant figures in 2.034 .4.Give any two exampleswhich have five significant figures.5. How to determine significant figures ? Write any two rules .

PHYSICS

1- Which one of the following statements is true?

(a) A scalar quantity is the one that is conserved in a process.

(b) A scalar quantity is the one that can never take negative values.

(c) A scalar quantity is the one that does not vary from one point to another in space.

(d) A scalar quantity has the same value for observers with different orientations of the axes.

2-Is a vector necessarily changed if it is rotated through an angle?

3-Is it possible to add two vectors of unequal magnitudes and get zero? Is it possible to add three vectors of equal magnitudes and get zero?

4- Does the phrase "direction of zero vector" have physical significance? Discuss it terms of velocity, force etc.

5- Can you add three unit vectors to get a unit vector? Does your answer change if two unit vectors are along the coordinate axes?