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SECOND PERIODICAL ASSESSMENT SEPTEMBER 2020

Grade: IX Subject: Science Marks: 20

(Use Physics Science HW notebook to answer)

I) Define the following: **1 × 4 = 4**

1. Compound
2. Cell
3. Velocity
4. Acceleration

II) Answer the following in one sentence: **1 × 4 = 4**

1. What is a solution?
2. Name the technique used to separate cream from milk
3. Why is plasma membrane called a selectively permeable membrane?
4. What does the odometer of a vehicle measure?

III) Answer the following in 2 to 3 sentences: **2 × 3 = 6**

1. What is Tyndall effect? Give two examples
2. A solution contains 40g of common salt in 320g of water. Calculate the concentration in terms of mass by mass percentage of the solution
3. Distinguish between speed and velocity

IV) Answer the following in 3 to 4 sentences: **3 × 2 = 6**

1. What is a suspension? Write the four properties of suspension
2. A train starting from a railway station and moving with uniform acceleration attains a speed 40 Km h^{-1} in 10 minutes. Find its acceleration

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