



**D.A.V. PUBLIC SCHOOL, CRRC, Medical Road, Gaya**  
**Sunday Test (Date –21/7/2024)**

**Class –IX**  
**Sub. –Science**

**Time : 40 Min**  
**F.M. - 20**

**Section - A (2 × 5 = 10 Marks)**

1. Answer in brief:

I. An electric train is moving with a velocity of 120 km/h.

How much distance will it move in 30 s.

II. An object travels 16m in 4s and then another 16 m in 2s.

What is the average speed of the object ?

III. Differentiate between homogeneous and heterogeneous mixture with example.

iv, Explain the following

a. colloid. B. suspension.

V, Define Tyndall effect.

**Section - B (5 × 2 = 10 Marks)**

2. Answer the following questions.

I. How are sol, solution and suspension different from each other.

II, A stone is thrown in a vertically upward direction with a velocity of 5 m per second if the acceleration of the stone during its motion is 10 m per second square in the downward direction what will be the height attained by the stone and how much time will it take to reach there.

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