SLIP TEST-2(1)

CHAPTER-2 : MOTION

Name:…….. Section:……. Roll No:……..... Max.Marks:20

……

I. Answer the following questions. Each carries four marks. 2 x 4 = 8 M

1) Derive the equation of motion "V = U + at".

2) Explain uniform and non uniform motions with examples.

II. Answer the following questions briefly. Each carries two marks. 2 x 2 = 4 M

3) Write the differences between Speed and Velocity.

4) Write a brief note on the motion of a fruit falling freely from a tree.

III. Answer the following in one or two sentences. Each carries one marks. 2 x 1 = 2 M

5) Name any two objects which are moving with deceleration.

6) "She is moving with constant speed in a specific direction." . Use the related scientific terms and rewrite this sentence with less words. (Note use 'Velocity)

IV. Choose the correct choice and write down in the given brackets. 6 x 1 = 6 M

7) Units for acceleration in M.K.S. System. [ ]

A. m/s **B.** cm/s **C.** m/s^2 **D.** cm/s^2

8) The slope of Distance – Time graph represents ……. [ ]

A. Velocity **B.** Speed **C.** Acceleration **D.** Deceleration

9) A vector must possess the following [ ]

A. Direction **B.** Quantity

C. Direction and Quantity **D.** Direction or Quantity

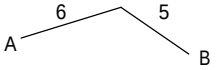
10) The distance travelled by an object in "t" seconds time is ……. [ ]

A. $V = U + at$ **B.** $V^2 - U^2 = 2aS$ **C.** $S = Ut + \frac{1}{2}at^2$ **D.** None of the above

11) 36 Km/h = …….. m/s [ ]

A. 127.6 **B.** 10 **C.** 15 **D.** 129.6

12) A car travels from A to B as shown in figure. Find displacement. [ ]



A. 6 **B.** 5

C. 9 **D.** 12

NAGA MURTHY- 9441786635
Contact at : nagamurthysir@gmail.com
Visit at : ignitephysics.weebly.com