

FORMATIVE ASSESSMENT -1
PHYSICAL SCIENCE (Chapters-1,2,3)
(2020-2021)

M.SRINIVASA RAO,SA(PS)
PH:9848143855
srini science mind

CLASS:9

Max.Marks: 20

Name of the Student: _____

Roll no: _____ **Time: 45 min**

I) Answer the following questions

6x1/2=3M

1. A suspension is a _____ mixture.
2. Matching
 - A) Momentum
 - B) Acceleration
 - X) kg-m/s
 - Y) N-s
 - Z) m/s²
3. Petrochemicals are separated by
 - a) Fractional distillation
 - b) Distillation
 - c) Sublimation
 - d) Separating funnel
4. In uniform circular motion, which is physical quantity is constant?
5. Most significant law
 - a) Newton's first law
 - b) Newton's second law
 - c) Newton's third law
 - d) All
6. If a body moves in constant acceleration, then velocity?

II) Answer the following questions

3x1=3M

7. What is the average speed of the car if it covers 200km in 5h?
8. What is inertia?
9. What are the factors affecting rate of dissolving?

III) Answer the following questions

3x2=6M

10. Distinguish between speed and velocity.
11. Two objects have masses 8kg and 25kg. Which one has more inertia? Why?
12. Give any two examples of colloid.

IV) Answer the following questions

2x4=8M

13. Write the steps you would use for making tea. Use the words given below and write the steps for making tea

Solution, solvent, solute, dissolve, soluble, insoluble, filtrate and residue

(OR)

Draw the figure of arrangement of apparatus for distillation

14. Define Newton's third law of motion? Give two examples

(OR)

Draw distance - time graph when its speed decreases uniformly.