

**JAYARRAJESH MATRIC HR. SEC SCHOOL**

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**UNIT TEST- I**

**STD: X**

**SCIENCE**

**MARKS: 25**

**I. Fill in the blanks**

**5x1= 5**

1. .... is used to change the speed of car.
2. To produce a displacement ..... is required.
3. A man of mass 100 kg has a weight of ..... at the surface of the earth.
4. Atoms of different elements having same number of ..... are called isotones.
5. Relative atomic mass is otherwise known as .....

**III. Answer in Short**

**6x2=12**

1. Define relative atomic mass?
2. Define atomicity?
3. What is molar volume of a gas?
4. Define inertia. Give its classification.
5. Differentiate mass and weight.
6. How does an astronaut float in a space shuttle?

**IV Answer in Detail**

**2x4=8**

1. Derive rocket propulsion.
2. Derive molecular mass and vapour density.

..... BEST OF LUCK .....