

# School Name

## 2nd Unit Test

Name : ..... Date ..... Roll No.: .....  
Class : VI Div : A/B/C Subject : Science Marks :20

### Q1(a) Fill in the blanks (3)

- 1) The force of friction always acts \_\_\_\_\_ the motion
- 2) The motion of an aeroplane on the runway before take off \_\_\_\_\_.
- 3) The capacity that an object has for doing work is called \_\_\_\_\_.

### (b) Identify the type of motion. (3)

- 1) A fish swimming in water \_\_\_\_\_
- 2) The pluck string of a sitar \_\_\_\_\_
- 3) Movement of ceiling fan \_\_\_\_\_

### Q2 (a) Match pair. (4)

Column (A)	ANSWER	Column (B)
1) An ox pulling a cart		a) magnetic force
2) lifting a heavy iron object with a crane		b) muscular force
3) weighing with a spring balance		c) frictional force
4) applying brakes to a bicycle		d) gravitational force

### b) Find the odd man out and circle it. (4)

- 1) Diesel, crude oil, natural gas, wind
- 2) a running car, hauling a log, a book kept on a table, picking up the school bag
- 3) sunlight, wind, waves, petrol
- 4) a lever, a pulley, an inclined plane, a crane

### Q3 Write the answer. (6)

- 1) Mention the advantage of using a machine
- 2) What is meant by a complex machine ?
- 3) Write the name of forms of energy. ?