# INDIAN SCHOOL MUSCAT PRIMARY SECTION SCIENCE ANNUAL EXAM MODEL PAPER STD – IV

### A. Choose the correct options.

- 1. \_\_\_\_\_\_ is the part of the earth that consists of molten metals. (mantle / core)
- 2. The substance which dissolves in a liquid is called \_\_\_\_\_\_. (solvent /solute)
- 3. When we dissolve sugar in water, we get \_\_\_\_\_. (solvent /solution)
- 4. \_\_\_\_\_\_is the force that stops or resists movement in a body. (friction / gravity)
- 5. \_\_\_\_\_ is the hottest part of the earth. (core / crust)

### **B.** Give one word for each of the following sentences.

- 1. Anything which has weight and takes up space.
- 2. Ability to do work.
- 3. A huge ball of hot glowing gases.
- 4. The imaginary line which divides the earth into two equal halves.
- 5. The equipment in which metals like iron can be heated in factories.

### C. Define the following terms.

- 1. Saturated solution
- 2. Axis of rotation
- 3. Fuel

### **D.** Answer the following questions.

- 1. What helps us to exist on the earth?
- 2. Why are days longer in summerthan in winter?
- 3. Why is there no increase in the volume of water when sugar is dissolved in it?

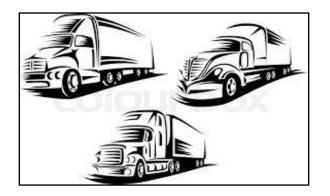
# E. Differentiate between lava and magma.

# **F.** Justify the following statements.

- 1. Liquids flow while solids cannot.
- 2. New Zealand has summer when it is winter in Muscat.

# G. Look at the picture and answer the questions given below.

1.



- a. Name the source of energy used by the vehicles.
- b.What causes the moving vehicles come to a stop?