INDIAN SCHOOL SOHAR
TERM – II EXAM (2017-18)
SUBJECT : SCIENCE
CLASS : V
SET-B

Date of Exam: 06/03/2018

Time Allotted: 2 hours   **Max. Marks: 40**

   (Note: This question paper consists of 2 printed pages. Please check that you have all the pages.)

I. Fill in blanks: -   (½×5=2½)
   1. _____force enables the engine of a train to pull the attached coaches.
   2. All weather changes takes place in the_____layer.
   3. _____helps in healing small cuts and wounds.
   4. Changing of a liquid into a solid is called_____.
   5. _____rocks are used to polish floors.

II. Pick the odd one out.   (½×5=2½)
   1. Salt ,sugar ,sand ,coffee
   2. Bicycle ,pulley ,wedge ,screw
   3. Scurvy ,goiter ,cholera ,anaemia
   4. CNG ,diesel ,LPG ,biogas
   5. Light bulb ,wind mill ,sun ,burning candle

III. Give one word for the following.   (½×5=2½)
   1. A condition in which a disease would affect hundreds of people together.
   2. Three quarters of the moon.
   3. Metal obtained from haemetite mineral.
   4. Liquids that mix with each other.
   5. A process used to remove light suspended impurities from water.

IV. Write true or false for the following statements.   (½×5=2½)
   1. A stretched bow possesses potential energy due to its position.
   2. Carbon di oxide supports burning.
   3. Diseases like dengue are spread by insect bites.
   4. Gases have a fixed volume but no definite shape.
   5. Paraffin wax is used to make candles and polish.

V. Define the following terms.   (1×4=4)
   1. Decantation   2. Vaccination   3. Meteorites   4. Frictional force

VI. Give reasons. (Write 2 points each)   **(1×2=2)**
1. Astronauts wear spacesuits to go into the space.
2. Person suffering from osteoporosis gets frequent fractures.

VII. Differentiate between the following.   **(2×2=4)**
1. Sedimentary and metamorphic rocks   2. Movable and fixed pulley

VIII. Write short answers.   **(1×5=5)**
1. Define artificial satellites. Give 2 examples.
2. Write any 2 ways to prevent communicable diseases.
3. Liquids can flow but solids cannot. Why?
4. Why do we need to purify water? Name any 2 methods of purification.
5. Why does a screw move into the wood easily?

IX. Answer the following.   **(2×4=8)**
1. Write the importance of atmosphere.(Write 4 points)
2. Explain roughage and its importance. Give 2 examples also.
3. Why does the moon have extreme temperatures? (Write 4 points)
4. How is coal formed? Write the types of coal we get from the earth.

X. Identify each of the following pictures. Write the type of lever and define it.

(3×1=3)

   a)   b)   c)

XI. Explain how a lunar eclipse occurs. Draw a neat labeled diagram of a lunar eclipse.
(Write 4 points)

(3×1=3)

XII. HOTS.   **(1×1=1)**

Why do you think earth has hardly any craters on its surface?