

**DAV BR PUBLIC SCHOOL, BINA**  
**PRACTICE PAPER (2023-24)**

**Class: V**  
**Time:-2 hrs**

**Subject: Science**  
**MM: -50**

**Q1- Multiple Choice Questions: -**

**1\*4=4**

- a** Out of the following, the energy source, that is a renewable energy source, is-
- i) diesel                      ii) wind                      iii) petrol                      iv) coal
- b** \_\_\_\_\_ is one of the constituents of other gases in air.
- i) Nitrogen                      ii) Water vapor                      iii) Helium                      iv) Oxygen
- c** The pointers are part of \_\_\_\_\_ constellation.
- i) Ursa Minor                      ii) Orion                      iii) Ursa Major                      iv) Cassiopeia
- d** Which of them together are known as gaseous planet?
- a) Jupiter, Mars, Mercury  
b) Jupiter, Saturn, Uranus and Neptune  
c) Saturn, Mars, Earth  
d) Uranus, Neptune and Mars

**Q2- Fill in the blanks: -**

**1\*4=4**

- a** Coal and petroleum are two of \_\_\_\_\_ sources of energy.
- b** \_\_\_\_\_ are celestial bodies that move around the sun.
- c** The \_\_\_\_\_ damages crop and reduce fertility of soil.
- d** The apparent motion of sun is because of \_\_\_\_\_ of earth on its axis.

**Q3- Write true or false: -**

**1\*4=4**

- a** Coal is a black rock that is a type of fossil fuel.
- b** Air is an invisible mixture of gases.
- c** Moon takes 28 days to revolve around the earth.
- d** Pole star defines the south direction.

**Q4- Match the following: -**

**1\*5=5**

- |                          |                                 |
|--------------------------|---------------------------------|
| <b>a</b> Orion           | star of average brightness      |
| <b>b</b> sun             | carbon dioxide                  |
| <b>c</b> Green house gas | green fuel                      |
| <b>d</b> CNG             | Jupiter                         |
| <b>e</b> largest planet  | constellation visible in winter |

- Q5- Name the following: -** **1\*4=4**
- a Natural satellite of earth. \_\_\_\_\_
  - b Fossil fuel used mainly for transportation. \_\_\_\_\_
  - c Process of making food by plants. \_\_\_\_\_
  - d The windy planet. \_\_\_\_\_

- Q5- Answer the following questions in short** **2\*5=10**
- a Why food consumed is fuel for our body?
  - b How is natural satellite different from artificial satellite?
  - c How does our atmosphere acts as shield to protect us from harmful rays of sunlight?
  - d Even though sun is a star and is less bright than other stars still it appears brightest, Justify
  - e Make a poster to encourage tree plantation or Save Energy.

- Q6- Answer the questions in detail** **3\*5=15**
- a Why does pole star appears to remain fixed at one place?
  - b Are plants able to take nitrogen in its gaseous form from the air? How nitrogen in the air gets absorbed by plants?
  - c What is planet? What make the planet Venus the hottest planet of all?
  - d How are renewable source different from non-renewable source of energy?
  - e How is air important for animals and plants?

- Q7- Once upon a time in the town of Gopalpuram, there were four friends - Ramesh, Amit, Reena, and Meena. They loved playing outdoors and wanted to make sure they were taking care of their environment. One day, they decided to learn about saving energy to help their town and the planet.** **2\*2=4**

Based on this answer the questions:-

- a) Reena noticed that her bedroom light was on even when she wasn't in the room. What should Reena do to save energy?
- b) Ramesh saw that the air conditioner was on, and the windows were open at the same time in Amit's house. What should Ramesh tell Amit to do to save energy?

\*\*\*\*\*BEST WISHES!! \*\*\*\*\*