

**Class V Science**

**1. Fill in the blanks.**

**(1x10=10)**

- a) Water helps in \_\_\_\_\_ of food in animals.
- b) The human body contains about \_\_\_\_\_ of water.
- c) The substance that dissolves in a medium to form a solution is known as the \_\_\_\_\_.
- d) Animals, which can live both in water and land, are called\_\_\_\_\_.
- e) Aeroplanes use highly refined\_\_\_\_\_based fuel.
- f)Tidal energy is a \_\_\_\_\_ source of energy.
- g) The two main gases present in the air are nitrogen and\_\_\_\_\_.
- h) The earth is known as the\_\_\_\_\_ planet.
- i) The amount of water vapour present in air determines the \_\_\_\_\_of air.
- j) The pole star defines the \_\_\_\_\_ direction.

**2. Mark the following statements as true or false.**

**(1x8=8)**

- a) It is safe to drink pasteurized milk.
- b) The process of change of vapour form of a substance to its liquid form on cooling is called Condensation .
- c) About 50% of water present in seas and oceans.
- d) Hair oil is soluble in water.
- e) Ursa Major constellation is also known as Great Bear.
- f)Venus is a Jovian planet.
- g) We should use public transport to reduce environmental pollution
- h) Planets moves around the sun in an elliptical path.

**3. Answer in one word.**

**(1x6=6)**

- a)The mixture formed when a substance dissolves completely in any medium-
- b)The planet also called red planet is-
- c)A substance that produces energy on burning is called-

d) The solute present in the solution of sugar and water -

e) Planting more number of new trees is called as-

f) The two stars, at the top of Ursa Major, are called -

**4. Match the following.**

**(1x6=6)**

A.

B

1. Moon.

a. Water Wheel

2. Ursa Minor.

b. The brightest object in the night sky

3. CNG.

c. Aquatic plant

4. Rehatd. A constellation visible in spring

5. Duckweed.

e. Compressed Natural Gas

**5. Tick the correct one.**

**(1x6=6)**

I) On close observing some bright stars, for some hours, one finds that stars appear to move from -

a. East to West b. West to East c. North to South d. South to north

II) Plants absorb water from the soil with the help of

a. Stem b. leaves c. branches d. roots

III) A fuel that is not obtained by refining petroleum is

a. Diesel b. Coal c. kerosene d. bio gas

IV) The gas whose amount varies with weather changes, is-

a. Nitrogen b. Helium c. Water Vapour d. Oxygen

V) The first Indian satellite is-

a. Kalpana-1 b. Aryabhata c. INSAT d. EDUSAT

VI) The largest planet of our solar system is

a. Jupiter b. Venus c. Mars d. Neptune

**6. Answer the following questions in brief.**

**(2x7=14)**

a) What are animals living in water known as? Give one example

b) Write names of four aquatic plants.

- c) How does rain water get impure?
- d) Why is C.N.G called as a better green fuel?
- e) State two possible harmful effects of ultraviolet rays.
- f) Write the names of eight planets according to increase in their distance from Sun.
- g) Define the term Constellation. Give one example of it.

**7. Answer the following questions.**

**(3x6=18)**

- a) Give any three reasons for spoilage of food.
  - b) Besides its domestic use, state three other uses of water.
  - c) How does rain water get impure?
  - d) How is coal used by powerhouses for generating electricity?
  - e) Differentiate between Rotation and Revolution?
  - f) In what respects is , the Pole star, different from other stars?
8. Reema and her neighbour Neha study in the same school. Their parents used to drop them to the school, separately, in their own cars. One day Reema suggested to her father that she and Neha could share or 'pool' the car. Her father appreciated the suggestion and agreed to talk to Neha's father. Neha's father also liked the idea. From the next day they started going to school together.

**(1.5 x 2=3)**

- a) Do you agree with Reema and Neha?
- b) Would this practice of commuting to school help nature?

**9. Draw a neat labeled diagram showing PHASES OF MOON.**

**(5x1=5)**

**10. Answer the following question.**

**(3+2=5)**

- (i) Write any three causes of air pollution.
- (ii) Why is acid rain is harmful?

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