

**Grade -VIII**  
**Sub – General Science**

**Time – 2 hrs**  
**Max Marks- 50**

\*Attempt all sections.

\*Read the questions carefully.

\*Do not copy Question .Write the correct section and question number before the answer .

\*Present your work neatly.

### Section A

#### Q. 1 MCQS

5

a. Metals are

- (a) shiny
- (b) hard
- (c) sonorous
- (d) all of these

b. Which of the following does not show the property of malleability?

- (a) Iron
- (b) Graphite
- (c) Aluminium
- (d) Silver

C. Which of these is an exhaustible resource?

- (a) Air
- (b) Coal
- (C). Water
- (d). Sunlight

d. Which of the following produces least friction?

- (a) Sliding friction
- (b) Rolling friction
- (c) Composite friction
- (d) Static friction

e. Which of the following metal is stored in kerosene?

- (a) Sodium
- (b) Magnesium
- (c) Phosphorus
- (d) Zinc

**Q.2 Match the following .****6**

Column I	Column II
(i) Gold	(a) Thermometers
(ii) Iron	(b) Electric wire
(iii) Aluminium	(c) Wrapping food
((iv) Carbon	(d) Jewellery
(v) Copper	(e) Machinery
(vi) Mercury	(f) Fuel

**Section B****Q.3 Fill in the blanks.****4**

- a. Least polluting fuel for vehicle is .....
- b. Migratory birds fly to far away places because of \_\_\_\_\_ changes.
- c. \_\_\_\_\_ was launched by the government to protect the tigers in India.
- d. \_\_\_\_\_ exerted by an object on another is a force.

**Q.4 Tick True/False against the following statements.****5**

- a. Fossil fuels can be made in the laboratory.
- b. IUCN stands for International Union for Conservation of Nature.
- c. Force cannot change the speed of an object.
- d. Friction is less for smooth surfaces.
- e. Newton is the unit of force.

**Section C****Q.5 Short Answer Questions. (Any 4)****8**

- a. What is Red Data Book?
- b. Explain why fossil fuels are exhaustible natural resources.
- c. Write the names of some parks and sanctuaries.
- d. Define Tissue.
- e. Define the functions of Cell wall.

- f. What is contact force?
- g. Give some examples having streamlined body.

**Q.6 Differentiate between the following. (Any 2) 6**

- a. Wildlife sanctuary and biosphere reserve
- b. Differentiate between Prokaryotes and Eukaryotes.
- c. Differentiate between plant cell and animal cell.
- d. State the difference between contact force and non-contact force.

**Q. 7 Give Reasons (Any 1) 3**

- a. Aluminium foils are used to wrap food items.
- b. Sodium and potassium are stored in kerosene.

### Section D

**Q. 8 What happens when (Any 1) 3**

- a. Dilute sulphuric acid is poured on a copper plate?
- b. we go on cutting trees.

**Q. 9. Long Answer Questions. (any 2) (Higher thinking level Questions) 6**

- a. How can you contribute to the maintenance of green wealth of your locality? Make a list of actions to be taken by you.
- b. An archer shoots an arrow in the air horizontally. However, after moving some distance, the arrow falls to the ground. Name the initial force that sets the arrow in motion. Explain why the arrow ultimately falls down.
- c. . When the two surfaces are pressed harder, friction increases. Explain why?
- d. Write a short paragraph on the harms caused by microorganisms.
- e. One day Reeta went to a jeweller's shop with her mother. Her mother gave an old gold jewellery to the goldsmith to polish. Next day when they brought the jewellery back, they found that there was a slight loss in its weight. Can you suggest a reason for the loss in weight?

**Q.10 Draw a labelled diagram (Any 1) 4**

- a. Draw a diagram of Onion peel, as observed under microscope, and label its basic components.
- b. Draw a labelled diagram of Plant cell.
- c. Draw a labelled diagram of Rhizopus.

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