

**DWARKA INTERNATIONAL SCHOOL**  
**SECTOR- 12, DWARKA, NEW DELHI-110075**  
**CLASS VI (SCIENCE) 2019-20**  
**Sample Paper Final Examination**

**Time- 3 hours**  
**MM: 80**

**Q1. Multiple choice questions:**

**(1x5=5)**

- a) Compost is made using
  - i) Animal and plant waste
  - ii) plastic waste
  - iii) metal waste
  - iv) ceramic waste
- b) Which of the following is non- biodegradable
  - i) Plastic
  - ii) kitchen waste
  - iii) newspaper
  - iv) pencil shavings
- c) Which of the following is magnetic
  - i) Silver
  - ii) iron
  - iii) aluminium
  - iv) gold
- d) Which gas is filled in an electric bulb
  - i) Neon
  - ii) hydrogen
  - iii) nitrogen
  - iv) argon
- e) Which type of objects form clear shadows ?
  - i) Transparent
  - ii) translucent
  - iii) opaque
  - iv) transgeneric

**Q2. Fill in the blanks. (1x5=5)**

- (i) A \_\_\_\_\_ change forms new substances .
- (ii) Rose and mustard plants have \_\_\_\_\_ roots.
- (iii) \_\_\_\_\_ acts as a shock absorber between two bones.
- (iv) If the eye is not \_\_\_\_\_ above the point of measurement , we may get incorrect readings.
- (v) The tendency of light to travel in straight line is called \_\_\_\_\_ of light.

**Q3. Give one word for the following: (1 x 5 = 5 )**

- i) A large low lying area for disposal of non biodegradable waste.
- ii) Indiscriminate burning of dry leaves.
- iii) A device that converts chemical energy into electrical energy.
- iv) Objects that emit light of their own.
- v) A machine that changes energy into force and motion.

**Q3. Define any five of the following: (1x5 = 5)**

- i) Expansion
- ii) pollination
- iii) camouflage
- iv) motion
- v) penumbra
- vi) magnetite

**Q4. Answer the following questions in brief. (Any 10)**

**(2X10=20)**

- i) Pick the odd one out and give reason
  - a) Book
  - leather jacket
  - steel plate
  - apple pieces

- b) humerus fibula radial ulna
- ii) Why is humus considered good for growing crops ?
- iii) What do you understand by closed electric circuit ?
- iv) What do you understand by the term rusting ?
- v ) Why the roots of dodder plant are parasitic ?
- vi) Why snake is not able to move on a glass surface ?
- vii ) Why do we use mercury in thermometer ?
- viii ) What is the difference between shadow and image ?
- ix ) You are given two similar bars A and B .How will you identify which one is a magnet ?
- x ) Why is a screwdriver coated with plastic at one end ?
- xi ) How is plastic harmful to animals and humans ?

**Q5. Answer the following questions.**

**(3X6=18)**

- i) Explain periodic and non periodic motion with the help of examples.
- ii) Draw an electric circuit using symbols for the following components: a battery of five cells, connecting wires, bulb, and an open tapping key .In the above circuit will the current flow? If yes show its direction.
- iii) All kinds of plants are useful. Justify your answer (minimum 3 points )
- iv) Explain the body features of a cockroach which enable it to move and fly.
- v) Draw the shadow formed when an object smaller than the source of light is placed in front of it.
- vi) Convert the following:
  - a) 4456 cm into km    b) 0. 3 km into m    c) 849 mm into km

**Q6. Answer the following questions : (Any 3) (4x3=12)**

- i) How will you define error? Explain with a diagram how parallax error can arise.
- ii) Write two modifications and two functions of roots.
- iii) Write any four applications of contraction and expansion in states of matter, that you find in your daily life.
- iv) What is composting? A group of villagers wants to know the method of making compost. How will you guide them?

**Q7. Answer the following questions in detail (5x2=10)**

- i) What does BMW stand for? Are plastics also are a part of it? Write any 3 reasons to prove that plastics are a menace to humans, animals and the environment.
- ii) Explain any 3 properties of magnets. Write four uses of magnets in everyday life.

