

UDAYA PUBLIC SCHOOL, AYODHYA
Summative Assessment-2 (2020-21)
Class- 6 | Subject - Science

Time Allowed: 3 hours.

M.M. -80

General instructions-

- The question paper has been divided into two sections: A and B
- All questions are compulsory.

Section= A

1. Fill in the blanks with the given words- **[10]**
(Switch, condensation, circular motion, muscles, atmosphere, two, abiotic, draught, carbon dioxide, periodic motion)

- a) The layer of air around the earth is known as.....
- b) The process of changing water vapour into water is called.....
- c) A magnet always has Poles.
- d) A device that is used to break an electric circuit is called.....
- e) Motion of a wheel of a bicycle is.....
- f) Soil, water and air are the..... factors of a habitat.
- g) The contraction of the..... pulls of bones during movements.
- h) The component of air used by Green plants to make their food is
- i) Excessive rains may cause.....
- j) Motion of the needle of a sewing machine is.....

2. Match the following:

[5]

(A)	(B)
N-S	Repulsion
Wool	Attraction
Upper Jaw	Periodic Motion
S-S	Natural fiber
Motion of pendulum	is an immovable joint

3. Short answer type question:

[2×7=14]

- a) Which gas in the atmosphere is essential for respiration?
- b) Where are poles of a bar magnet located?
- c) List five activities that are possible due to the presence of air?
- d) In a completely dark room, if you hold up a mirror in front of you, will you see reflection of yourself in the mirror?
- e) The height of a person is 1.65 meters. Express it into centimeter and millimeter.
- f) What is regular and irregular reflection?
- g) How is cactus adapted to survive in desert?

4. Draw the diagram and explain their parts:

[6]

- a) 4 different shapes of magnets with their name.
- b) a flower and its parts.

Section-B

5. Long answer type questions: (do any 5)

[5x5=25]

- a) How are clouds formed?
- b) What is the composition of air?
- c) Why should an electrician use rubber gloves while repairing an electric switch at your home?
- d) Can you think of creating a shape that would give a circular shadow if held in one way and a rectangular shadow if held in another way?
- e) What is the motion and explain the types of motion.
- f) How will you separate sand and water from their mixture? Explain it.
- g) Write some points what can we do to minimize over use of plastics and deal with garbage?

6. Tick (✓) or (✗) on the statements:

[1x5=5]

- a) The evaporation of water takes place only in sunlight. ()
- b) Similar poles of a magnet repel each other. ()
- c) Water evaporates into air from oceans, rivers and lakes but not from soil. ()
- d) Artificial magnets were discovered in Greece. ()
- e) Balanced diet for the body should contain a variety of food items. ()

7. Define the following:

[3x5=15]

- a) Water cycle
- b) Electric conductors and insulators
- c) Luminous and non luminous