

*Name of the student:* ..... *Date:* ...../...../.....

---

---

Email me by answering the following questions—

❖ **Chapter-01: Classification of Animal Kingdom**

- 1) What are the benefits of having numerous pores in the body wall of Scypha?
- 2) Why is Hydra a diploblastic animal?
- 3) Write five differences between tape worm and round worm.
- 4) Why is starfish not a fish?
- 5) All vertebrates are chordates but all chordates are not vertebrates.—Explain.
- 6) What are the special features of a bird that help it to fly?

❖ **Chapter-02: Growth and Heredity of Living Organism**

- 1) How does a zygote develop to a complete organism?
- 2) What would have happened if mitosis had not occurred?
- 3) How does a human baby acquire the same number of chromosomes as its parents?
- 4) Write down the difference between haploid and diploid.
- 5) Write down the difference between karyokinesis and cytokinesis.

❖ **Chapter-03: Diffusion, Osmosis and Absorption**

- 1) How does the stench spread from the City Corporation's garbage truck?
- 2) How does water from the soil reach the leaves of the tree?
- 3) How does transpiration help to create right condition for osmosis?
- 4) Write down the role of xylem and phloem in transportation.

❖ **Chapter-04: Reproduction in Plants**

- 1) Why is asexual reproduction important for plant?
- 2) Why is pollination important for flowering plant?
- 3) Why is mustard self-pollinated flower?
- 4) Why is paddy wind-pollinated flower?
- 5) How is a fruit formed?

❖ **Chapter-05: Co-ordination and Secretion**

- 1) How is coordination done in plants?
- 2) How do you feel that an ant has bitten you?
- 3) How is the sensation of urination created?
- 4) Why is kidney termed as the factory of urine production?

❖ **Chapter-06: The Structure of Atoms**

- 1) What do you mean by the atomic number of calcium is 20?
- 2) Explain the isotopes of hydrogen.
- 3) Will chlorine form compounds or not? Explain.
- 4) Will argon form compounds or not? Explain.

❖ **Chapter-11: Light**

- 1) Why is the image in the window glass dull?
- 2) What is the trick to hunt fish under the water with spear? Explain.
- 3) Explain the incident of total internal reflection.