



# PANCHSHEEL PUBLIC SCHOOL

10+2 Senior Secondary School (Affiliated & Recognized by CBSE)  
Jaitpur, Badarpur, New Delhi-44

## Mid-Term Sample paper 2022-23

**Time:** ..... **Subject: Science** **Class 4** **M. Marks: 50**  
**Name.....** **Roll No.....** **Section .....** **Date:** .....

**A. Multiple choice questions:- ( 1x 5=5)**

- Which of the following is not a feature for protection?
  - Shell
  - Wings
  - Horn
  - Scales
- This organisms does not incubate it's eggs?
  - Butterfly
  - Pigeon
  - Parrot
  - Hen
- The lungs are supported by dome shaped muscles called
  - Rib cage
  - Diaphragm
  - Trachea
  - Capillaries
- Number of milk teeth that a child has
  - 22
  - 28
  - 20
  - 30
- Which of the following is a way to preserve food?
  - Steaming
  - Pickling
  - Frying
  - Baking

**B. Fill in the blanks:- (1x5=5)**

- The \_\_\_\_ in a tadpole vanishes when it grows into an adult.
- The breathing in of air is called \_\_\_\_.
- The animals which lay eggs are called \_\_\_\_.
- \_\_\_\_ are the teeth that help to tear food.
- Diet that has all the necessary nutrients \_\_\_\_.

**C. Write True Or False:- (1x 5=5)**

- Mammals leave their young ones on their own as soon as they are born.
- Human heart has three chambers.
- Milk is essential for strong bones and healthy teeth.
- Water is essential for all bodily functions and for life.
- Leech is a parasite.

**D. Match the following:- (1x4=4)**

- |              |             |
|--------------|-------------|
| 1. Wings     | A. Grinding |
| 2. Fish      | B. Bird     |
| 3. Incisors. | C. Fries    |
| 4. Molars.   | D. Cutting. |

**E. Define the following:- (1x3=3)**

- Terrestrial animal
- Metamorphosis.
- Blood vessels

**F. Differentiate the following:- ( Do any two) ( 3x2=6)**

- Arboreal animals and aerial animals
- Viviparous animals and oviparous animals
- Inhalation and exhalation.

**G. Give one word for the following: ( 1x3=3)**

- Why do we need food?
- Why animals living in deserts have thick skin?
- Why animals migrate from one place to another?

**H. Very Short answer type questions:- ( 1X 4 = 4)**

- How do insects take care of their eggs?
- What does respiratory system consists of?
- Name the four types of teeth.
- What makes a balanced diet?

**I. Short answer type questions:- (Do any four) (2x4=8)**

- What is breathing? Do we stop breathing when we sleep?
- List any two healthy eating habits.
- What is the difference between a tadpole and an adult frog?

4. What is the role of the intestines in digesting food?
5. How do birds protect their young ones?

**J.** Give two examples of the following:- ( 2x2=4)

1. Animals in polar region.
2. Aquatic oviparous animals

**K.** Draw a well labelled diagram of life cycle of butterfly. 3