PANCHSHEEL PUBLIC SCHOOL

10+2 Senior Secondary School (Affiliated & Recognized by CBSE)

Jaitpur, Badarpur, New Delhi-44

MID TERM EXAMINATION-2023-24(Sample Paper)

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

Q1. Choose the correct option.   (1x5=5)

1. Absorption of digested food takes place in
    (a) Stomach   (b) Oesophagus   (c) Small Intestine (d) Rectum
2. When an ant stings, it causes itching on the skin. To get relief, it should be rubbed with:
    (a) Toothpaste   (b) Lime water   (c) Calamine lotion   (d) Any of these
3. Limewater turns milky when gas bubbled through it is
    (a) Oxygen   (b) Nitrogen   (c) Carbon dioxide   (d) Water Vapour
4. Which of the soil samples includes the smallest size Rock particles?
    (a) Clay   (b) Sand   (c) Gravel   (d) Silt
5. The time- distance graph of a moving car at non- uniform speed will be a
    (a) Straight line   (b) Curved line   (c) Circular line   (d) Wavy line

Q2. Fill in the blanks.   (1x 4=4)

1. The horizon A of soil profile is called _____.
2. An ovule develops into a _____ after fertilization.
3. Acid present in sour curd is _____.
4. _____ are Grass- eating animals.

Q3. Correct the wrong statement: (1x4=4)

1. Vinegar is basic in nature.
2. Souring of milk is a physical change.
3. Clayey soil has big particles which contains big air spaces between them.
4. Budding in yeast is the process of sexual reproduction.

Q4.Define the following terms. (Do any 3)   (1x3=3)

1. Weathering   2. Neutralization reaction   3.Pollination   4. Speedometer

Q5. Differentiate between the following. (Do any 2)   (2x3=6)

1. Acids and Base
2. Combination reaction and Displacement reaction
3. Self pollination and Cross pollination

Q6.Give reason for the following.   (1x3=3)

1. Why is reproduction necessary in living organisms?
2. Why do we apply baking soda to get relief from ant's sting.
3. Why do we need to measure time.

Q7. Very short answer questions.   (1x3=3)

1. What is cud?
2. What is the S.I unit of speed.

3. What is decomposed matter obtained from dead organisms called?

Q8. Short answer questions. **(2x3=6)**

1. What is the importance of flowers on a flowering plant?

2. List the components of soil.

3. A car is moving at an average speed of 40km/h takes 8 hours to travel from Egmore to Tirupati. Calculate the distance between the two places.

Q9. Long answer questions. **(Do any 3)** **(3×3=9)**

1. Explain the parts .of a flower with the help of a well labelled- diagram.
2. Explain the process of nutrition in Amoeba.
3. Explain how organic acids are different from inorganic acids.
4. What is rusting of iron. Give the word formula and molecular formula of rust.

Q10. HOTS questions. **(2x2=4)**

1. Why do we not store pickels in brass or copper container.
2. Why is the cellulose part of carbohydrate food not utilized in the human digestive system.

Q11. Draw the well- labelled diagram of soil profile **(1×3=3)**

Or

Draw the well labelled diagram showing budding process in yeast.