



**Shri Manjunatheshwara Central School,**  
S.NO 175, Near Gangubai Hangal Gurukul, Shivalli Road, Unkal  
**Hubballi.**

**Mid – Term Examination Question Paper Solving (2020-21)**

**Class: IV**

**Sub: SCIENCE**

**Max. Marks: 80**

**I. MULTIPLE CHOICE QUESTIONS:**

**10X1=10marks**

- An example of inclined plane is \_\_\_\_\_  
a. Pedal                      b. Knife                      c. Seat belt                      d. wheel.
- Water changes to ice by \_\_\_\_\_  
a. Boiling                      b. freezing                      c. melting                      d. all of the above.
- The space between two molecules is called \_\_\_\_\_  
a. Distance                      b. interatomic space                      c. intermolecular space                      d. none of these
- \_\_\_\_\_ is considered as the ultimate source of energy.  
a. Wind                      b. Sun                      c. Moon                      d. Water
- Gravity is a type of \_\_\_\_\_  
a. Power                      b. force                      c. energy                      d. work.
- What is true about energy?  
a. Energy has weight                      b. energy exists in many forms  
c. all forms of energy can be seen                      d. light bulb is energy.
- Pick the odd one out.  
a. Enamel                      b. dentine                      c. gum                      d. plaque
- Which of these actions takes place in the stomach?  
a. Churning                      b. Chewing                      c. Absorption                      d. digestion
- Pluses are \_\_\_\_\_ foods  
a. Protective                      b. energy giving                      c. body building                      d. carbohydrate rich
- We use muscles of our body to move anything. This is called \_\_\_\_\_ force.  
a. Mechanical                      b. chewing                      c. Muscular                      d. Gravity

**II. ANALOGY.**

**5X1=5marks**

- Fish : freezing :: papad : \_\_\_\_\_
- Milk teeth : 20 :: permanent teeth : \_\_\_\_\_
- Ice : solid :: water vapour : \_\_\_\_\_
- Solid : table :: liquid : \_\_\_\_\_
- Sugar : Solute :: Water : \_\_\_\_\_

**III. GIVE ONE WORD FOR THE FOLLOWING.**

**5X1=5marks**

- The ability to do work is \_\_\_\_\_
- Tiny particles that make up matter is called \_\_\_\_\_
- Passage way through the digestive system in the body \_\_\_\_\_
- The method of cleaning between the teeth with a thread is called \_\_\_\_\_
- Fibrous food which our body cannot digest is \_\_\_\_\_

**IV. VERY SHORT ANSWER QUESTIONS.**

5X1=5marks

1. What are molecules?
2. Name two forces that exist naturally.
3. What is balanced diet?
4. Which is the most sensitive part of a tooth?
5. What could happen if we do not chew our food properly?

**V. SHORT ANSWER QUESTIONS.**

5X2=10marks

1. Write one difference between freezing and condensation.
2. List two things a force can do.
3. What is the role of saliva in digestion?
4. What do you mean by simple machine? Name any two.
5. Write any two importance of teeth.

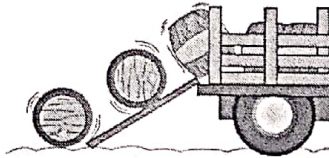
**VI. LOOK AT THE PICTURES AND ANSWER THE GIVEN QUESTIONS. 2X2=4marks**

1. Identify the simple machines.

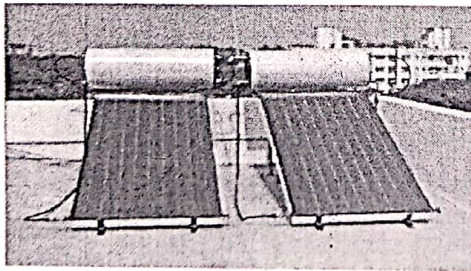
a.



b.



- c. Identify the type of energy and define it.



2. Explain the following experiment.

Diagram A

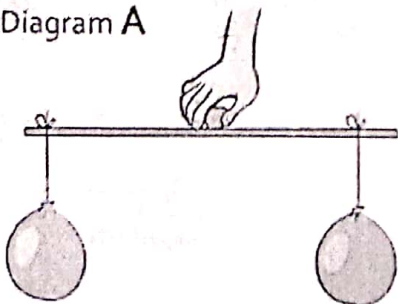
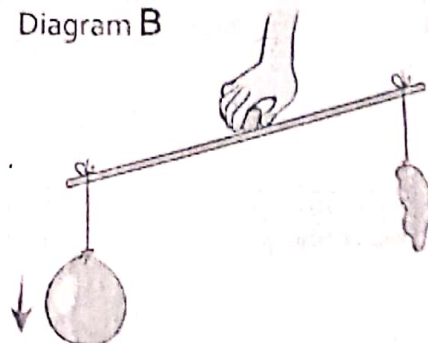


Diagram B



**VII. GIVE REASONS / HOTS.**

5X2=10marks

1. How does transformation of energy help us?
2. When is work said to be done?
3. How do you think finger like projections help in absorption?
4. When you throw the ball up it fall back to the ground. Why?
5. Why food should not be over cooked?

**VIII. CROSSWORD.**

6X1/2=3marks

1		2						3				

**ACROSS**

- 1) It is released into our mouth.
- 3) Solid waste comes out through this.
- 5) It helps in digestion of food.
- 6) The solid that dissolves in a liquid.
- 7) Push or a pull.
- 8) Body building nutrient.

**DOWN**

- 2) It secretes bile.
- 4) The undigested solid waste.

**IX. LONG ANSWER QUESTIONS.**

7X4=28marks

1. a) Write two properties each of solid, liquids and gases.  
b) Define matter
2. Explain the process of digestion that takes place from mouth to stomach.
3. Define gravitational and frictional force. Give one example for each.
4. Write any four ways in which you can take care of your teeth?
5. a) What is the role of protein in our body?  
b) Name any two sources of vitamins and minerals.
6. Draw a neat diagram of digestive system and label the following parts.  
a. Food pipe      b. liver      c. pancreas      d. large intestine

7. Label the parts of the structure of tooth.

