

VISWADEEPTHI MATRICULATION HIGHER SECONDARY SCHOOL

CLASS: IV

SCIENCE

TERM - I

I. Choose the correct answer:

1. **Brain** is the commanding center of the body.
a) heart b) lungs c) brain d) kidney
2. The organs that are found inside the mouth are **teeth**.
a) Bones b) teeth c) lungs d) stomach
3. **Stone** is a rigid material.
a) cycle tube b) stone c) ball d) All the three
4. An axe is used to **cut trees**.
a) Dig well b) pull water c) cut trees d) All the three
5. One of the ancient food items made by humans is **bread**.
a) Noodles b) cake c) bread d) biscuit
6. Brain is protected by **skull**
a) Muscles b) Chest c) skull d) legs
7. Milk teeth are **20** in number.
a) 18 b) 20 c) 32 d) 30
8. A gadget that plays songs is called **music player**.
a) pen drive b) camera c) music player d) torch
9. The mineral present in milk is **calcium**
a) sodium b) Iron c) potassium d) calcium
10. **Sun** is a light source.
a) Sun b) moon c) Earth d) all the three

II. Fill in the blanks:

1. Internal parts of our body are protected by **bones**.
2. Feather is a **soft** material.
3. Bread is **low** fat food.
4. Cheese and paneer are made from **milk**.
5. A **force** should act on an object to do work.
6. **Kidney** filters excess water and toxins
7. **Transparent** objects allow all the light to pass through them.
8. Heart is made up of **muscles**.

9. Gold and diamond are examples of **shiny** materials.

10. The ability to do work is **Energy**.

III. Write True or False

1. Teeth are helpful for chewing the food – **True**

2. Dull materials reflect light – **False**

3. Lifting a box is easier than rolling it on a ramp – **False**

4. Brush your teeth once a day - **False**

5. Dirty talk is bad activity - **True**

IV. Match the following:

ANSWERS

1. Waterproof	-	Eat healthy food on time	Raincoat
2. Smooth material	-	Drink more water	Mirror
3. Stomach	-	Raincoat	Eat healthy food on time
4. Teeth	-	Mirror	Brush regularly
5. Kidneys	-	Brush regularly	Drink more water

V. Circle the odd one out:

1. Petrol	wind	diesel	kerosene	Ans: Wind
2. Wood	stone	pure water	Metals	Ans: Pure water
3. Heart	legs	brain	kidney	Ans: legs
4. Bread	cake	ice cream	Biscuit	Ans: Ice cream
5. Sun	candle	torch	pen	Ans: Pen

VI. Answer in one word:

1. Which is the pumping organ?	Heart
2. What is the unit of energy?	Joule
3. How many types of levers are there?	Three types
4. Which is the 'J' shaped organ?	Stomach
5. Which organ is protected by skull?	Brain

VII. Answer the following:

1. Write the functions of heart and kidneys.

Answer: Heart- pumps blood to all parts of the body.

Kidneys- purify blood by filtering excess water and toxins.

2. Milk has sweet taste. Why?

Answer: Milk has sweet taste because it contains special sugar called Lactose.

3. What are the three types of lever?

Answer: The three types of lever are Class I lever, Class II lever, Class III lever.

4. List the methods of cooking.

Answer: Boiling, steaming, frying, deep frying, roasting and grilling are the methods of cooking.

5. How is milk classified?

Answer: Based on the amount of fat present in the milk, milk is classified as whole milk, low fat milk and fat free milk.

6. What is a gadget?

Answer: A gadget is a small electronic machine or device which does something useful.

7. Define: Hard materials.

Answer: Materials which cannot be easily compressed, cut, bend or stretched are called hard materials. Examples: Brick, bone.

8. Define: Shiny materials

Answer: Materials which reflect the light well are called shiny materials. Ex: Gold, stainless steel.

9. Define: Reflection of light.

Answer: The bouncing back of light from a smooth or polished opaque surface is called reflection of light.

10. Define: Pulley.

**Answer: A pulley is machine made up of wheel with cut around it.
Example: Crane**