



**WORKSHEET**

**Grade: IV**

**Date:**

**Name:**

**Roll no. :**

**Subject: Science**

**Code:**

**Max. Marks: 50**

**Time: 2 Hrs.**

**General Instructions:**

- *This question paper consists of 2 printed pages.*
- *All answers to be written in the answer sheet provided.*
- *Section A carries 25 questions of 1 mark each.*
- *Section B carries 5 questions of 2 marks each.*
- *Section C carries 5 questions of 3 marks each.*

**SECTION A**

**(25 × 1 = 25)**

**I Choose the correct option:-**

1 Body building foods are rich in:

- a) Carbohydrates      b) Proteins      c) Fats      d) Vitamins

2 Plants use this energy to prepare their food by photosynthesis

- a) Heat Energy      b) Wind Energy      c) Hydro Energy      d) Solar Energy

3 The flat part of the leaf:

- a) Petiole      b) Leaf blade      c) Midrib      d) Stomata

4 Which of these is an animal fibre?

- a) Acrylic      b) Cotton      c) Nylon      d) Silk

5 This is the simple machine that is used in a windmill.

- a) Wheel & Axle      b) Inclined Plane      c) Lever      d) Pulley

**II Name the following:-**

6 The ability to do work.

7 A diet that contains all nutrients in the right amount.

8 The natural fibre used to make sacks and ropes.

9 The thick vein that runs through the centre of a leaf.

10 The components in food that are essential for energy, growth, health and fitness.

**III Fill in the blanks:-**

11 \_\_\_\_\_ helps in strengthening our bones and teeth and in the functioning of our muscles.

12 The fabric made from flax fibres is called \_\_\_\_\_.

13 \_\_\_\_\_ helps the leaves to absorb light.

14 Gravity is a \_\_\_\_\_ force.

15 \_\_\_\_\_ are pores on the underside of the leaves.

**IV Correct the false statements by changing the underlined words:-**

16 Nylon, polyester and acrylic are examples of natural fibres.

17 Adding salt and sugar to food to preserve it is called canning.

18 Silk clothes should be washed using a strong detergent.

19 The food prepared by photosynthesis is starch.

20 The energy that we get from moving water is called solar energy.

V Give two examples for each of the following:-

21 Forms of energy

22 Synthetic fibres

23 Food rich in vitamin C

24 Simple machines

25 Food preserved by dehydration

### SECTION B

(5 × 2 = 10)

VI Answer the following in 2 or 3 sentences.

26 Why do sports people need to eat more carbohydrate rich food than people who work in offices?

27 Which fabric is ideal to wear during summer and why?

28 Write any 2 functions of a leaf.

29 What are the two types of force? Define with examples.

30 Help Sudha to sort the foods from her list into correct groups so that she can find them easily in the store.



Mung	Cardamom	Potatoes
Chicken	Milk	Kidney beans
Apples	Eggs	pepper
Rice	Carrots	Wheat
Cheese	Grapes	Papayas

Fruits & Vegetables	Cereals	Pulses	Spices	Foods from animals

### SECTION C

(5 × 3 = 15)

VIII Answer the following in 6 or 7 sentences.

31 Name the six main types of simple machines. Look at the images below and identify the simple machines used.



32 What is friction? Write any two advantages and disadvantages of friction.

33 Describe the different parts of a leaf with the help of a labeled diagram.

34 What are nutrients? Name the five essential nutrients and describe any one.

35 How should we take care of our clothes to make them last longer? Write any three ways.