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## Revision Worksheet -4 Answer Keys Step- V Science

### Q1. Choose the correct answers

i. Which of the following is not a form of energy?

**Ans: c) Gravity**

ii. The energy stored in food is called:

**Ans: b) Chemical energy**

iii. Which type of energy is produced by vibrating objects?

**Ans: c) Sound energy**

iv. The energy of moving objects is known as:

**Ans: b) Kinetic energy**

v. Which nutrient gives us the maximum amount of energy?

**Ans: c) Carbohydrates**

### Q2. Fill in the blanks

a. Heat energy of the Earth is called **geothermal** energy.

b. A **food pyramid** represents the correct amount of servings to be eaten from each of the food groups.

c. Electrical energy is converted into **mechanical/kinetic** energy in a fan.

d. The energy stored in a battery is **chemical** energy.

e. **Heat** energy is produced when we burn fuels like wood or coal.

f. Water stored in a dam has **potential** energy due to its position.

g. A **balanced diet** provides all nutrients in the right amounts for our body to function properly.

### Q3. Answer in One Word

a. Form of energy that helps plants in photosynthesis – **Light energy**

- b. Another name of vitamin – **Protective food**
- c. Kind of energy stored in an object due to its height – **Potential energy**
- d. Form of energy needed to run refrigerator – **Electrical energy**
- e. Kind of energy a stretched rubber band has – **Potential energy**

**Q4. Give Reasons**

a. **We should use renewable sources of energy because**

They do not get exhausted easily, are environment-friendly, and help reduce pollution.

**Q5. Answer the following questions**

a. **Enlist the types of fuel and give one example each.**

- **Solid fuel** – Wood
- **Liquid fuel** – Petrol
- **Gaseous fuel** – LPG

b. **Importance of food pyramid (any three):**

- It shows the types of food we should eat daily
- It helps us plan a balanced diet
- It tells us the correct quantity of different food groups

c. **Three differences between renewable and non-renewable sources of energy**

<b>Renewable Energy</b>	<b>Non-Renewable Energy</b>
Can be reused	Cannot be reused
Does not get exhausted easily	Gets exhausted over time
Causes less pollution	Causes more pollution