

# VASISHTHA GENESIS SCHOOL, BARDOLI

(Academic Session: 2025-26)

Date: \_\_\_\_\_ Class: 2 Div: A/B/C Roll No: \_\_\_\_\_ Sub: SCIENCE  
 Name: \_\_\_\_\_ Answer key: 9 C.T - 2

## CH-11 The sun and shadow

### New words:

Heat	Light	Source	Prepare	Energy	Stand
Blocks	Appears	Path	Remain	Observe	Shortest
Notice	Important	Formed	Ground	Dark	Area

### Q1. Fill in the blanks:

- i. The Sun gives us heat and light.
- ii. When an object blocks the path of light, a shadow is formed.
- iii. Our shadow is longest in the morning and evening.
- iv. Our shadow is shortest at noon.
- v. The Sun is an important source of energy.

### Q2. Match the following column A with column B:

COLUMN A	ANSWER	COLUMN B
i. Dark area	i. c	a. heat and light
ii. Sun	ii. a	b. at noon
iii. Shadows are longer	iii. d	c. shadow
iv. Shadows are shorter	iv. b	d. in the morning and evening

### Q3. Choose the correct option:

- i. The Sun gives us \_\_\_\_\_.
   
 (a) Water      (b) **Heat and light** ✓      (c) Food      (d) Soil
- ii. Shadows are formed when \_\_\_\_\_.
   
 (a) Water flows      (b) **Light is blocked** ✓      (c) Plants grow      (d) We sleep
- iii. At noon, the shadow is \_\_\_\_\_.
   
 (a) Longest      (b) Medium      (c) **Shortest** ✓      (d) Not formed
- iv. The Sun is an important source of \_\_\_\_\_.
   
 (a) Toys      (b) Clothes      (c) **Energy** ✓      (d) Colour

**Q4. State whether the following statements are True OR False:**

i. The Sun helps plants to prepare food.	True
ii. Shadows are always the same size all through the day	False
iii. A shadow shows the colour of our clothes	False
iv. The Sun is not important for life on Earth	False
v. Shadows are formed when the path of light is blocked	True

**Q6. Answer the following Very Short Answer type questions:**

i. What gives us heat and light?	Sun
ii. What is formed when light is blocked?	Shadow
iii. When is shadow shortest?	At noon
iv. Which source helps plants prepare food?	Heat and light
v. Does shadow show colour? Yes/No	No

**Q7. Answer the following Short Answer type questions:****i. Why is sun important to us? Give three reasons.**

Ans. The sun is important to us because it gives us heat and light.

Heat and light help the plants to prepare food. Light is needed to see things.

**ii. What is a shadow?**

Ans. A dark area formed when an object or body blocks the path of light, is called a shadow.

**iii. Does the shadow remains the same all through the day?**

Ans. No, the size of our shadow changes all through the day.