

SRI RAM KRISHNA DAV PUBLIC SCHOOL, SURIYA

(Winter vacation holiday homework (2025-26))

CLASS:7

SCIENCE

Section A: Fill in the Blanks

- 1.The average weather conditions of a place over a long period is called _____.
- 2.A camel is adapted to live in the _____ region.
- 3.The layer of fat under the skin of polar animals is called _____.
- 4.Weather changes from day to day but climate changes over a _____ period.

Section B: Write the answer:

- 1.Write any two differences between weather and climate.
- 2.What do you mean by adaptation?
- 3.How does thick fur help animals in cold regions?

Section C: Case-Based Question (5 marks)

Read the passage carefully and answer the questions:

Rohan visited Ladakh during his summer vacation. He noticed that the region was very cold, vegetation was limited, and people wore thick woollen clothes. Animals like yak were commonly seen there.

- a) What type of climate does Ladakh have?
- b) Why do people wear thick clothes in Ladakh?
- c) Name one adaptation seen in animals of this region.
- d) Why is vegetation limited in this area?

Section D: Activity

Collect weather data (temperature) of your city for 5 days and record it in a table

विषय: -संस्कृत

पाठ: अविवेक: परमापदां पदम् के सभी अभ्यास प्रश्नों को लिखें एवं याद करें।

- व्याकरणम् - उपसर्ग, अव्यय
- संधि: - यण, वृद्धि:
- संख्या- 1से 50 तक

Social-science

Prepare any one of the following:-

1. Make an advertisement to create awareness about literacy or health.(Prepare the ad in a chartpaper).
2. Prepare an album showing life sketches and photographs of Indian women who have excelled in different fields. (Any six women).

Hindi

1. अपनी पसंदीदा त्योहार के बारे में दस पंक्तियाँ लिखें।
2. वीरता का संदेश देने वाली किन्हीं तीन कविताओं को लिखें।
3. रामधारी सिंह दिनकर का जीवन परिचय संक्षेप में लिखें।
4. उत्पत्ति के आधार पर शब्द को कितने भागों में बाँटा गया है? प्रत्येक की परिभाषा उदाहरण सहित लिखें।

(English)

Answer the following questions in your own words.

1. Write a diary entry on ' *Sports Meet -2025 ' * held in your school on 23rd December 2025 from Std. Nursery to Std. 2.
2. Write a short essay on " School Holidays - a joyful refreshment of mind " not more than 150 words.
3. Write all exercises of the following lessons mentioned below.
 - a) Chocolate in your dreams too
 - b)The Human Robot
4. Write the summary of the following poems.
 - a) Friends and Flatterers
 - b) I dream a world
5. Write a diary entry describing the changes in Gopa' s attitude after you found him screaming in the dream.
6. Write a paragraph on " Role of grandparents in your life" in not more than 150 words.
7. Write any two examples of *Process Writing* from your English Practice Book.

Mathematics

Topic: Geometry and Pythagoras Theorem Class: VII

General Instructions:

- Work should be done neatly in your Mathematics Homework Notebook.
- Draw clear and labeled diagrams using pencil and ruler.
- Show all steps of calculation clearly.
- Use the formula: $a^2 + b^2 = c^2$, where c is the hypotenuse.

Assignment Questions

- Q1. The hypotenuse of a right-angled triangle is 17 cm. One side is 8 cm. Find the third side.
- Q2. Two poles of heights 6 m and 11 m stand on plane ground. The distance between their feet is 12 m. Find the distance between their tops.
(Hint: Draw a horizontal line from the top of the shorter pole to the taller pole.)
- Q3. Find the length of the diagonal of a rectangle whose sides are 15 cm and 8 cm.