

# SRI RAM KRISHAN D.A.V PUBLIC SCHOOL, SURIYA (GIRIDIH)

## Durga Puja Holiday Home work (2025-26)

### Class VIII

### English

Answer the following questions briefly.

1. Why did the king seek answers to his questions?
2. Why did the king visit the hermit, and what was his approach?
3. Why does the poet consider his grandmother a genius? (Granny's Tree Climbing)
4. Describe Margie and Tommy's feelings about their mechanical teachers?
5. What specific, harsh details did Swami include in his description of Samuel to his father to ensure he would be allowed to stay home?

6. Despite the title of the story, what are the true eating habits and social behaviors of the woman? How do they contrast with her words?
7. Write a letter to the editor of 'The Times of India' complaining about the nuisance created by the use of loudspeakers. You are Peeyush Sharma, a resident of Sector 15, Vasundhara Enclave, New Delhi.
8. Write a short story to illustrate the proverb -- "Handsome is as handsome does"
9. Write a letter to your friend describing how you spent Durga puja vacation .

### HINDI

1. 'सूरदास' या 'तुलसीदास' का जीवन परिचय लिखिए।
2. विद्यालय में दशहरा की छुट्टी की जानकारी देते हुए 40-50 शब्दों में सूचना लिखिए।
3. समास और उसके भेदों की परिभाषा सोदाहरण लिखिए।
4. अलंकार और उसके भेदों की परिभाषा सोदाहरण लिखिए।

### MATHS

#### **\*Square and Square Root\***

1. Find the square root of 1764.
2. Determine the smallest number by which 180 must be multiplied to get a perfect square.
3. Evaluate:  $\sqrt{16} + \sqrt{225}$ .
4. Find the Pythagorean triplet whose smallest number is 12.

#### **\*Cube and Cube Root\***

1. Find the cube root of 2744.
2. Determine the smallest number by which 108 must be multiplied to get a perfect cube.
3. Evaluate:  $\sqrt[3]{(27 \times 64)}$

#### **\*Direct and Inverse Variation\***

1. If 5 men can do a piece of work in 10 days, how many days will 10 men take to do the same work?
2. A car travels 250 km in 5 hours. How far will it travel in 8 hours?
3. If 3 pumps can fill a tank in 4 hours, how many pumps are needed to fill the tank in 2 hours?
4. A Garrison of 200 men had enough food for 70 days. 80 men went away after 10 days. How long will the food last?

#### **\*Percentage and Its Application\***

1. A shirt is marked at ₹800 and a discount of 10% is given. What is the selling price of the shirt?
2. A man bought a watch for ₹500 and sold it for ₹600. What is the profit percentage?
3. A number is increased by 20% and then decreased by 10%. What is the net percentage change?

#### **\*Parallel Lines\***

1. ABCD is a quadrilateral in which  $AB \parallel CD$ . If angle B =  $70^\circ$ . Find the value of angle C.
2. Prove that the alternate interior angles formed by a transversal of two parallel lines are equal.

#### **\*Understanding Quadrilaterals\***

1. Find the sum of the interior angles of a hexagon.
2. Prove that the diagonals of a parallelogram bisect each other.
3. In a quadrilateral ABCD,  $AB = CD$  and  $AD = BC$ . Prove that ABCD is a parallelogram.
4. A diagonal and a side of a rhombus are of equal length. Find the measure of the angles of the rhombus.

#### **\*Statistics\***

1. Find the mean of the first 10 natural numbers.
  2. The marks obtained by 10 students in a test are: 75, 80, 90, 85, 95, 70, 80, 85, 90, 75. Find the median and mode of the marks.
  3. In a class of 50 students, 10 like blue colour, 7 like green colour, 3 like red colours, 12 like yellow colour and rest like pink colour. Prepare a pie chart to represent the information.
- Project work: on a chart paper, write and draw different types of quadrilaterals with their properties

## SCIENCE

### **PHYSICS**

- 1) Prepare a chart for Image formation by convex and concave lens.
- 2) Prepare a mind map of chapter: - force & pressure, Friction & Light. (On the chart paper)

### **CHEMISTRY**

\*Project work\*

To Prepare Modern Periodic Table of Elements in a Chart Paper.

### **BIOLOGY**

Prepare a diagrammatic presentation on the topic 'Agricultural practices ' based on crop production and its management. (Chart paper)

**Or**

Prepare a model on a drip irrigation system using pipes and straw.

## SOCIAL SCIENCE

### Sub-HISTORY

Q.1. Describe five important reasons behind 1857 revolt.

### Sub-GEOGRAPHY

Q.1. Why are human beings considered the most important resource for development?

Q.2. Why is there a need for resource planning? Give any three reasons.

Q.3. Mention any six factors on which the utilisation of resources depends

### Sub-CIVICS

Q.1. India is known as federation with the very strong central government.'

Q.2. Explain any three features of Parliamentary form of government.

## SANSKRIT

पाठ: 4,5,6, के सभी अभ्यास प्रश्नों को लिखें एवं याद करें ।

व्याकरणम्

दीर्घ एवं यण् सन्धि: का अभ्यास करें एवं लिखें।

भवत् शब्दरूप (स्त्री, पु.) लिखें एवं याद करें

प्रत्यय का अभ्यास करें।