



# DAV PUBLIC SCHOOL, SASARAM

H.A. & P.W. for SUMMER VACATION 2025-26

CLASS - IX

## English

### H.A.

1. Write the Summary and explain the poem "The Road Not Taken" by Robert Frost.
2. Describe the condition of the child when he was separated from his parents in the fair. Do you think it is a natural reaction?
3. Do you agree that schools today are better than the schools in the story 'The Fun They Had.' Give reasons for your choice.

### P.W.

1. Make a table of Tense with one sentence as an example of each.
2. Make a poster presentation on Mulk Raj Anand and his literary achievements.

## Hindi

### H.A.

1. दो बैलों की कहानी में कौन-कौन से नीति विषयक मूल्य उभर कर सामने आए हैं।
2. ज्ञान की आंधी का भक्त के जीवन पर क्या प्रभाव पड़ता है।

### P.W.

3. इंटरनेट का अनोखा संसार विषय पर 100 शब्दों में अनुच्छेद लिखिए।

## Sanskrit

### H.A.

1. पाथेयम् पाठ से पांच श्लोक हिन्दी अर्थ सहित लिखें।
2. (अविवेकः परमापदां पदं) कहानी संस्कृत में लिखें चित्र सहित।

### P.W.

3. यण् एवं अयादि संधि के नियम एवं 10 उदाहरण लिखें।

## Science

### Physics

1. Plot velocity-time graph taking data for uniformly accelerated motion and find acceleration for the same.

### Biology

2. What happens to a cell when it is placed in hypertonic, isotonic and hypotonic solution explain with the help of diagram.

### Chemistry

3. Explain the following :-
  - a) Why do solids cannot be compressed whereas gases can be compressed ?
  - b) Why does ice float on water?
  - c) A gas fills completely the vessel in which it is kept.

## Social Science

### H.A.

1. List out the events leading to the French revolution .

2. Explain the arguments against democracy.
3. Analyze the impacts of unequal land distribution on the economy of Palampur

**P.W.**

4. On political map of India show the longitudinal and latitudinal extension of India.

## Maths

**H.A.**

1. What are the possible expressions for the dimensions of the cuboids whose volumes are given below?
2. Volume :  $3x^2-12x$ , Volume :  $12ky^2+8ky-20k$
3. On chart paper, show how  $\sqrt{5}$  can be represented on the number line.

**P.W.**

4. Write the answer of each of the following questions:
  - (i) What is the name of horizontal and the vertical lines drawn to determine the position of any point in the Cartesian plane?
  - (ii) What is the name of each part of the plane formed by these two lines?
  - (iii) Write the name of the point where these two lines intersect.

## Artificial Intelligence

**H.A.**

1. Write down the common communication barriers you may come across when you move to a new city or country.
2. What are the factors that affect self-confidence?

**P.W.**

3. Draw any five common signs used for Visual Communication. Explain what each conveys and where did you see it ?