

DAV PUBLIC SCHOOL, SASARAM

HA& PW FOR SUMMER VACATION 2024-25

CLASS - IX

ENGLISH

1. Write a short note on the treatment of child psychology in 'The Lost Child' by Mulkraj Anand.
 2. Write the message of the poem 'The Road Not Taken' by Robert Frost.
 3. Write the structure of tense with at least one example of each.
- Prepare a poster presentation on life and works of the poet, Robert Frost.

HINDI

1. समाज सुधारक कबीर दास पर लघु निबंध लिखें।
2. दो बैलों की कथा शीर्षक कहानी ही नहीं है, बल्कि स्वतंत्रता संग्राम की सच्ची कहानी है कैसे ?
3. अलंकार और उनके भेदों की परिभाषा और उदाहरण सुंदर अक्षर में सजा कर चार्ट पेपर पर लिखें।

SANSKRIT

1. द्वितीय पाठ से किन्हीं पांच श्लोकों का हिंदी अर्थ लिखें।
2. प्रथम पाठ के सभी प्रश्न उत्तर लिखें।
3. संस्कृत संख्या 1 से 50 तक लिखें।

SCIENCE

Physics

1. Define acceleration. Find expression for it.
2. Write difference between speed and velocity.
3. Plot Distance-Time graph for uniform motion.

BIOLOGY

1. Explain the difference between plant and animal cell with the help of labelled diagram.
2. What happens to a cell when it is placed in hypertonic and hypotonic solution

Chemistry

1. Explain interconversion of three states of matter with the help of flow chart. Name the process of each interconversion.
2. Substance 'A' is highly compressible and easily liquefied. It can fill the container completely. Predict the nature of the substance. Enlist four properties of this state of matter.

SOCIAL SCIENCE

HA - 1. What are the causes of the French revolution?

2. Explain the arguments against democracy.

PW - 1. Write the political symbols on a chart paper.

Show the following on India's political map:

- a) IST
- b) The island group of India.
- c) The strait separating Sri-Lanka and India.
- d) The Union Territories of India.

MATHS

1. Find six rational numbers between $\frac{2}{7}$ and $\frac{3}{5}$.
2. Find the value of K for which $(x + 1)$ is a factor of $x^5 - 4x^4 + 3Kx^2 - 2x + 1$.
3. Express 1.47 in the form of $\frac{p}{q}$.
4. Represent $\sqrt{2}, \sqrt{3}, \sqrt{4}, \sqrt{5}, \sqrt{6}, \sqrt{7}, \sqrt{8}, \sqrt{9}, \sqrt{10}$ on the number line to form a spiral.

Artificial Intelligence

1. Define the term self management?
2. List the things we should keep in mind while communicating orally.
3. Prepare a chart listing the different types of symbol (any 10)
(Hint :-Red light for stop)