

DAV PUBLIC SCHOOL, SASARAM

H.A. & P.W. FOR SUMMER VACATION (2022-23)

CLASS - X

Sub:- ENGLISH

1. Write a biography of Robert Frost with special reference to 'Fire and Ice' & 'Dust of Snow'. also make a collection of the poems composed by him.
2. 'Faith in Almighty gives a new hope to Lencho'-substantiate it with a special reference to 'a Letter to God.'
3. Write the different kinds of conditionals with suitable examples of your own.

Sub:-Hindi प्रश्न.1. साहस के साथ विनम्रता हो तो बेहतर है। इस कथन पर अपने विचार लिखे।

प्रश्न.2. उद्धव द्वारा दिए गए योग के संदेश में गोपियो थी विरहागिन में घी का काम कैसे किया?

परियोजना कार्य: प्रश्न.3. तुलसीदास के व्यक्तित्व एवं कृतित्व से संबंधित परियोजना तैय्यार करे। (फाइल पेपर पर)

Sub:-संस्कृत 01. शब्द रूप याद कर लिखें - राजन् , पितृ, मातृ, नदी, भवान् ,
अस्मद्, युष्मद्, सः, सा, तत्।

02. धातु रूप याद कर लिखें - पठ, गम्, नम्, दा, सेव्।

03. शुचि पर्यावरणम् और बुद्धिमती नारी की कहानी हिन्दी में लिखें तथा अभ्यास बनावें।

Sub:-Maths (1) Show that cube of any positive integer is in the form of $9m$, $9m+1$ or $9m+8$.

(2) Show that $\sqrt{7}$ is an irrational number.

(3) If α and β are zero of the Quadratic Polynomial $x^2 - 2x - 1$ then find the Quadratic Polynomial whose zeros are $(\alpha + 1)$ and $(\beta+1)$.

(4) For what value of K the system of equation has infinitely many Solutions.

$$Kx + 3y = K-3 \quad 12x + Ky = K$$

Project: To verify conditions of consistency and inconsistency.

Sub:-SCIENCE

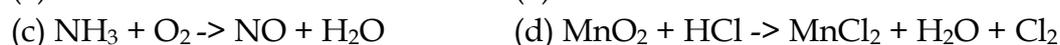
PHYSICS 1. Draw image formation for concave mirror when object is placed between F and P.

2. Draw image formation for convex mirror when object is placed in front of mirror.

CHEMISTRY 1. Which one is a chemical change rusting of iron or melting of iron?

2. Which one is a chemical change - fermentation of fruit juice or diluting fruit juice?

3. What is meant by skeletal chemical equation? 4. Balance the following chemical equations:-



Pw.1. Collect detailed information on composition of cold drink or soft drinks and their harmful effect on our health.

BIOLOGY 1. Draw a labelled diagram of human digestive system and explain the functions of liver and pancreas.

2. Explain different types of heterotrophic nutrition with example

Sub:-SST History : 1) Write a short note on the Frankfurt Parliament.

2) Describe the role of women in liberal movement.

Pol Sc. 1) Describe the different form of power sharing.

Geo 1) Classify the species according to IUCN.

Pw. 1) Locate and label tiger reserves on India's political map.

Eco. 1) "National Development of a country depends on the availability of Public facilities" How?

Sub:-IT 1. Define verbal and non-verbal communication? Describe in details about non-verbal communication.

2. What is the role of feedback in communication cycle?

3. What do you mean by communication barriers? How can we overcome these barriers?