



DAV PUBLIC SCHOOL, SASARAM

H.A. & P.W. for Diwali & Chhath VACATION 2025-26

CLASS - X

English

H.A.

1. Prepare a mind map of the poem 'The Tale of Custard the Dragon' on 'Chart Paper'.
2. The Tale of Custard the Dragon' is a humorous ballad. How does Ogden Nash create humour and entertainment in the poem?
3. Personal losses are a part and parcel of life. Instead of wailing on them, we should move on in life. This message of Gautama Buddha has become more relevant in modern times. Do you agree? Why/Why not

Hindi

H.A.

1. किसी मोबाइल फोन बनाने वाली कंपनी के लिए एक आकर्षक विज्ञापन लगभग 60 शब्दों में तैयार कीजिए।
2. पहली बार हवाई यात्रा का आनंद लेने वाले मित्र को शुभकामना संदेश लिखिए।
3. मानवीकरण अलंकार के कोई पांच उदाहरण लिखिए।

Sanskrit

H.A.

- 1 अभ्यासवशगं मनः पाठस्य पञ्च श्लोकाः हिंदी अर्थ सहितं लिखन्तु।
- 2 नञ समास ,द्वंद समास च दश उदाहरणानि लिखन्तु।
- 3 दीपावली इति विषये दश वाक्यानि लिखन्तु।

Science

H.A.

1. What is vegetative propagation? Mention its advantages and disadvantages.
2. Define and find the expressions for resistance and resistivity.
3. Write electron dot structure of elemental molecules such as hydrogen, oxygen, nitrogen and compound molecules such as water, carbon dioxide and ammonia.

Social Science

H.A.

1. Write a short note on the Gutenberg Press .
2. Highlight the seats of different political parties for both the alliances NDA and INDIA in Bihar election.
3. Why do you think that solar energy has a bright future in India?
4. Why RBI is known as the banker of banks?

P.W.

- Locate and label the following on India's political map
- (a) Nuclear power plant in Uttar Pradesh and Karnataka
 - (b) A famous coalmine of Tamil Nadu & Odisha.

Maths

H.A.

1. Find the sum of the first 40 positive integer divisible by 6.
2. The sum of the 3rd and 7th term of an Ap is 6 and the product is 8. Find the sum of first 16 terms of the Ap .

3. Logs are stacked in the following manners : 20 logs in the bottom row,19 in the next row,18 in the row next to it and so on . In how many rows are the 200 logs placed and how many logs are in the top row ?

Artificial Intelligence

H.A.

1. Write a python program to find the sum of natural number from 1 to 50.
2. List the advantages of datascience.
3. How many types of data type in Python? Briefly describe.

P.W. Create a poster of collage showing how AI can help in education.