



DAV PUBLIC SCHOOL

Khetan Lane Dhangawan, Jehanabad Deepawali & Chhath Puja Assignment - 2025 Class- X



SUB – ENGLISH

- Fill in the blank by using the correct form of the word in the bracket for the given portion of a market research:
The special subscriptions of newspapers are well ____ (illustrate), to make reading interesting for school students.
- Identify the error and write the correction in the given sentence from a life skills' book. The road to success is not the bed of roses.
- Fill in the blank with the correct form of verb given in the brackets.
I'm so happy to see my plants again! They ____ (grow) so much since I last saw them.
- Read the given statement.
They said to the guide, "We'd love to come here again next year."
Report it correctly by completing the following.
They told the guide that ____.
- Fill in the blank by choosing the correct option to complete the conclusion of a letter of placing order.
There would be no compromise ____ the quality of items supplied.
A. regards B. regard
C. regardless D. regarding
- Report the following by completing the sentence correctly.
"Don't try mending the trousers yourself," she warned him.
She warned him ____.
- Suppose you are Vaibhav, the Club in-charge of your school's Ecology Club. You strongly believe in the importance of starting Eco-Clubs in schools in the rural areas surrounding your city to promote the preservation and conservation of nature. Write a letter to the Education Secretary of your city, in about 120 words, highlighting the significance of ecological awareness and suggesting the need to establish Eco-Clubs in these schools. (120) words.
- Jaspreet, class X, is known for her creativity, excellent communication skills, and ability to think outside the box. However, she sometimes struggles with time management and prefers collaborative efforts over working solo. She has been assigned an art-integrated

partner from Sunaina, Tabassum, and Alice. Below are the profiles of the three candidates.

Sunaina: Sunaina is highly disciplined and excels in meeting deadlines. She is known for her strong organisational skills and ability to handle multiple tasks efficiently. However, she is slightly reserved and prefers working in structured, predictable environments.

Tabassum: Tabassum is enthusiastic and spontaneous, with a talent for generating unique ideas. She is an excellent artist and thrives in creative settings. However, she occasionally struggles to stay focused on tasks and complete them on time.

Alice: Alice is confident and articulate, with a flair for delivering polished presentations. She is detail-oriented and ensures that the final product is of high quality. However, she sometimes prefers to take control and may overlook collaborative efforts. Based on the features of each candidate, analyse and decide who would be the best partner for Jaspreet. Consider aspects such as complementary strengths, teamwork, and the project's requirements.

9. How does Adrienne Rich use trees as a Metaphor in the poem?

10. How does the story 'Madam Rides the Bus' show the theme of curiosity and innocence?

SUB – HINDI

- गोपियों ने उद्धव से योग की शिक्षा कैसे लोगों को देने की बात की है?
- 'राम - लक्ष्मण - परशुराम संवाद' के पूरे प्रसंग में व्यंग्य का अनूठा सौंदर्य है। उदाहरण के साथ स्पष्ट कीजिए।
- 'आत्मकथा कविता' के काव्य भाषा की विशेषताएं उदाहरण सहित लिखिए।
- 'एक कहानी यह भी' के आधार पर लेखिका के व्यक्तित्व पर किन-किन व्यक्तियों का किस रूप में प्रभाव पड़ा?
- काशी में हो रहे कौन-से परिवर्तन बिस्मिल्लाह खां को व्यथित करते थे?
- बिस्मिल्लाह खां कला के अनन्य उपासक थे, तर्क

- भगत ने अपने बेटे की मृत्यु पर अपनी भावनाएं किस प्रकार व्यक्त की?
- "वह लंगड़ा क्या गायेगा, फौज में। पागल है पागल!" कैप्टन के प्रति पान वाले की इस टिप्पणी पर अपनी प्रतिक्रिया लिखिए।
- जितेन नार्गेने लेखिका को सिक्किम की प्रकृति, वहां की भौगोलिक स्थिति एवं जनजीवन के बारे में क्या महत्वपूर्ण जानकारीयां दी, लिखिए।
- वाच्य किसे कहते हैं? उसके भेद एवं उदाहरण लिखिए।

SUB – SANSKRIT

*पूर्ण वाक्येन उत्तर दीयताम्।

- अश्वथामा केषां विनाशाय ब्रह्मस्त्रं मोचयति?
- द्रोणपुत्रः श्रीकृष्णात् किं वाञ्छति स्म?
- प्रच्छन्नभाग्यस्य चक्षुषी केन समुन्मीलिते?
- नरः कीदृशीं वृत्तिं समाचरेत्?
*यथानिर्देशम् उत्तरत ।
- विचित्रा खलु दैवगतिः, अत्र विशेष्यपदं किम् अस्ति
- अहो विचित्रः स्वप्नो मया दृष्टः, अत्र विशेषणपदं किम् अस्ति ?
- वीरजननी त्वं शोचितुं न अर्हसि, अत्र किं कर्तृपदम् अस्ति ?
- प्रदत्त पदैः सन्धि वा सन्धिच्छेदं कृत्वा लिखन्तु ।
i. कः+चित् = ii. एतन्महाभुजः =
iii. कीदृशः+अनर्थः = iv. तन्मध्यतः =
v. समाचरेत् =
- प्रदत्त उपपदविभक्तेः वाक्यं प्रयोगं कृत्वा लिखन्तु।
i. अलम् योगे- ii. सह योगे - iii. विश्वस् योगे -
iv. दानार्थं - v. नमः योगे -
- प्रदत्त पदैः धातु प्रत्ययं संयोज्य वियोज्य वा लिखन्तु ।
i. विजय+टाप् = , ii. गायिका ।
iii. वर्ष+ठक् = iv. ऐतिहासिक =
v. ज्ञान+मतुप् = vi. श्रीमान् =

SUB – MATHS

- If LCM (x, 18) = 36 and HCF (x, 18) = 2, find the value of x.
- Find the 15 th term from the end of the A.P. 5, 10, 15,430.
- Prove that Converse thales theorem.
- Prove that $3-2\sqrt{5}$ is irrational.
- If $ax + by = a^2 - b^2$ and $b^2x + a^2y = 0$, find the value of $x + y$.
- If $\sin(A+B) = \frac{1}{\sqrt{2}}$, and $\sin(A-B) = \frac{1}{\sqrt{2}}$. then find the value of A and B.
- Find the probability of 53 Sunday in ordinary year.

- If $\tan(A+B) = \sqrt{3}$ and $\tan(A-B) = \frac{1}{\sqrt{3}}$, find A and B.
- Find value of k for which the pair of equation $kx = 5y+2$ and $6x = 10y+3$ has infinitely many solution.
- Prove that
 $(\sin x + \csc x)^2 + (\cos x + \sec x)^2 = 7 + \tan^2 x + \cot^2 x$.

SUB – SOCIAL SCIENCE

Do any one of the following projects:

- Project 1 – Nationalism in India: The Journey of Freedom
Theme: India's struggle for independence (1915–1947)
Objectives:
To trace major movements: Non-Cooperation, Civil Disobedience, Quit India
To show how people from all sections of society participated
To understand Gandhi's leadership and his principle of non-violence
- Project 2 – Print Culture and the Modern World
Theme: The Rise of Print and Its Impact on Society
Objectives:
To trace the journey of printing from China to Europe and India
To understand how print culture spread awareness and ideas of freedom
To study how newspapers and journals supported reform and nationalism

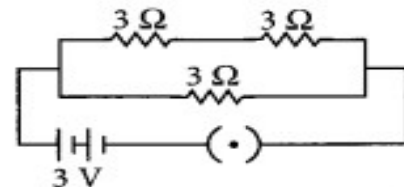
SUB – I.T./A.I.

- Do complete your practical work.

SUB – SCIENCE

Physics

- A copper wire has diameter 0.5 mm and resistivity $1.6 \times 10^{-8} \Omega \text{ m}$. Calculate the length of this wire to make it resistance 100 Ω . How much does the resistance change if the diameter is doubled without changing its length?
- A wire has a resistance of 16 Ω . It is melted and drawn into a wire of half its original length. Calculate the resistance of the new wire. What is the percentage change in its resistance?
- Define resistance of a conductor. State the factors on which resistance of a conductor depend.
- Three resistors of 3 Ω each are connected to a battery of 3 V as shown. Calculate the current drawn from the battery.



5. Two identical resistors are first connected in series and then in parallel. Find the ratio of equivalent resistance in two cases.

Chemistry

1. Do complete your practical work

Biology

1. How are the modes for reproduction different in unicellular and multicellular organisms?
2. How does the embryo get nourishment inside the mother's body?
3. How is the sex of the child determined in human beings?

Wishing you and your family a very happy and joyous Deepawali & Chhath Puja!