

SRK DAV PUBLIC SCHOOL,SURIYA

DIWALI AND CHATT HOLIDAY HOMEWORK (2025-26)

STD:7

Sub:-Science

- 1.a) Soil has various important component. Write them.
(b) Arrange the following rock particles which occur in soil in the increasing order. Silt, clay, gravel, sand.
2. Soil erosion does not occur easily where the land is covered by vegetation. Do you agree? Explain.
3. During the summer vacations, Gaurav visited his native village. He observed that farmers were using pesticides in their field. He contacted the village head and explained him the effects of such substances in causing soil pollution. Next day, the village head called a meeting of all the villagers and convinced the villagers not to use chemicals and pesticides.
(a) Why is there a ban to demand the polythene bags and plastics.
(b) List some substances which pollute the soil.
(c) What are the values shown by Gaurav?
- 4: Continuously waterlogged soils are disadvantageous for plant growth. Why?
- 5.: Why are earthworms called the farmer's friends?
6. Draw the well labelled soil profile diagram.

Sub-Hindi

1. दीपावली पर दस पंक्तियाँ लिखकर एक दीए का सुंदर चित्र बनाए।
2. साहस को सलाम पाठ में से पांच संज्ञा सर्वनाम और विशेषण शब्द छाँटकर लिखिए।
3. एक पुष्प (फूल) पर संज्ञा एवं उनके भेदों को उदाहरण सहित लिखिए।

Sub:Social - Science

Answer the following questions:

(Do it in your geography notebook)

- 1. Why is the ocean important to man?**
- 2. Paste pictures of the destruction caused by the Tsunami and also suggest a few steps that should be taken in order to provide relief to its victims.**

3. Write a short note on tides.

4. Explain how ocean currents influence the climatic conditions of coastal areas.

5. What steps should be taken to prevent loss of precious marine life?

6. Give two suggestions to ban the disposal of waste material into oceans and sea

विषय: -संस्कृत

पाठ: 7के सभी अभ्यास प्रश्नों को लिखें एवं याद करें।

व्याकरणम् - उपसर्ग, अव्यय

शब्दरूपाणि -मति, वारि,नदी ,को लिखें।

धातुरूपाणि यच्छ,स्था (लट्, लङ् लृट् लोट्, विधिलिङ्,) लिखें एवं याद करें।

MATHEMATICS

Q1. For what value of 't' the expressions $(2x^2 - 5x + 10)$ and $(2x^2 - tx + 2t)$ are equal?

Q2. Find the value of 'p' if the expression $z^2 + 3z - p$ equals to 3 for $z = 3$.

Q3. Factorise: - $axy + bcxy - az - bcz$

Q4. Simplify and verify: - $(m^2 + mn + n^2)(m - n)$; $m = 4, n = 3$.

Q5. Find the following product: - $(64a^2 - 56ab + 49b^2)(8a + 7b)$.

Q6. Factorise: - $2x^3 + 5x - 6x^2 - 15$

Q7. Simplify: - $p^2(2pq + q^3) - 2q^2(p^2q + 5)$.

Q8. Find the HCF of $3a^2b^2 + 6ab^2c^2 - 12a^2b^2c^2$.

Q9. Find the area of the rectangle whose length is 'y' and breadth is half of its length.

Q10. Factorise: - $(5x^2 - 10xy) - 4x + 8y$.

English

1. Imagine yourself to be the judge of prem Chopra - Ram Singh case. Prepare a verdict in about 80 words to be pronounced in the court. (P - 65)

2. You are a reporter who visits the village in Bohemia and listens to the fame of the stone soup. Write a news report to be published in your newspaper showing how a soldier used his wits to satisfy his hunger.

3. Write down brief summary of the poem " Friend and Flowers."

4. What is Simile? Give examples from the poem, " Friend and Flatter."

