

SGJ DAV SEN. SEC. PUBLIC SCHOOL, HARIPURA

Class – 10th

Date – 06.01.2025

Instructions: Dear children, The work which is being sent to you, it must be done in a fair notebook and in beautiful handwriting. When the school will reopen this home work will be checked. This work is given for revision purpose.

Sub – English

- When children watch TV, the adults generally scold them without realising that some programs on TV can be educative too. Write an article in 120-150 words on TV as a tool of instruction. You are Navtej/Navita. You can take help of the following cues
- Educational importance
- Updates in current affairs
- Live telecasts
- Tool to learn language
- TV as a tool of instruction

Sub- Hindi

प्रश्न 1. उपमा, रूपक, उत्प्रेक्षा, अतिशयोक्ति एवं मानवीकरण अलंकारों की परिभाषा उदाहरण सहित लिखो।

Sub-Punjabi

ਪ੍ਰਸ਼ਨ 1- 'ਗ' ਵਾਲੇ ਮੁਹਾਵਰੇ ਲਿਖੋ।

ਪ੍ਰਸ਼ਨ 2- ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ ਪਾਠ ਨਾਲ ਸੰਬੰਧਿਤ ਕੋਈ ਪੰਜ ਪ੍ਰਸ਼ਨ-ਉੱਤਰ ਲਿਖੋ।

Sub- Maths

1. If x and y are zeros of p^2+5p+8 , then the value of $x+y$ is
2. The sum and product of the zeros of a quadratic polynomial are 2 and -15 respectively. The quadratic polynomial is
3. Zeros of $p(x) = x^2 - 2x - 3$ are
4. New concept, If the square of the difference of the zeros of the quadratic polynomial $f(x) = x^2 + px + 45$ is equal to 144, find the value of p .
5. Find the value of 'k' such that the quadratic polynomial $x^2 - (k + 6)x + 2(2k + 1)$ has Sum of the zeros is half of their product.

6. Find the zeroes of the following quadratic polynomials and verify the relationship
7. $4u^2+8u$
8. T^2-15

Sub - Science

Chapter- Acid base and salt

1. (a) The PH of rain water collected from two cities A and B was found to be 6 and 5 respectively. Water of which city is more acidic? Find out the ratio of hydrogen ion concentration in the two samples of rain water?
 (b) Arrange the following in order (ascending) of their P4 values.
NaOH solution, Blood, lemon Juice.
2. (a) Why does an aqueous solution of acid conduct electricity?
 (b) How does the concentration of hydrogen ions $[H_3O]^+$ changes when the solution of an acid is diluted with water?
 (c) Which has higher pH. A concentrated or dilute solution of HCL?
 (d) What would you observe on adding dil HCL acid to
 (i) Sodium bicarbonate placed in a test tube.
 (ii) Zinc metal in a test tube.
3. A road tanker carrying an acid was involved in an accident and its contents spilled on the road. At the side of the road iron drain cover began melting and fizzing as the acid ran over them. A specialist was called to see if the acid actually leaked into the nearby river.
 (a) Explain why specialist could carry out sample test to see of the river water contains some acid or not
 (b) Suggest a better report name for the word 'melting'
 (c) Explain why the drain covers began fizzing as the acid ran over them.

Sub- Social science

1. Give reasons for the rising importance of tertiary sector in India?
2. Explain three causes of unemployment in India and suggest any two measures to reduce unemployment in India.
3. Explain any five features of organized sector and unorganized sector.
4. Describe the developments which changed today's developing countries from farming nations to nations depending on tertiary sectors.