

SGJ DAV Senior Secondary Public School , Haripura

Class : 10th (Assignment)

Date : May 10, 2025

Subject	Home- Work										
English	Q1 Write a letter to the editor in 150 words highlighting the benefits of solar energy and suggesting ways to promote its adoption Q2 Write a descriptive paragraph on APJ Abdul Kalam. Q3 Write an email in about 50 words to the Principal of your school requesting him/ her to grant leave for 3 days due to a family wedding. Include the dates and mention your commitment in catching up on missed work										
Hindi	प्रश्न 1. कवि को किसकी 'दन्तुरित मुस्कान' छविमान लगती है और क्यों? प्रश्न 2. 'तब तुम्हारी दंतुरित मुसकान मुझे लगती बड़ी ही छविमान!' कवि नागार्जुन को दंतुरित मुसकान की छवि बड़ी कब लगती है? प्रश्न 3. दंतुरित-मुसकान पाषाण हृदय को पिघलाकर जल बना देती है।" कथन की सत्यता अथवा असत्यता को तर्क द्वारा स्पष्ट कीजिए।										
Punjabi	ਪਾਣੀ ਦਾ ਨੀਵਾਂ ਹੋ ਰਿਹਾ ਖੱਪਰਾ ਵਿੱਚੋਂ ਉੱਤੇ 250 ਸ਼ਬਦਾਂ ਵਿੱਚ ਲੇਖ ਲਿਖੋ।										
Science	1. Two wires A and B are of equal length, different cross sectional areas and made of same metal. (a)(i) Name the property which is same for both the wires, (ii) Name the property which is different for both the wires. (b) If the resistance of wire A is four times the resistance of wire B, calculate (i) the ratio of the cross sectional areas of the wires and (ii) The ratio of the radii of the wire. (a) State ohm's law? (b) The value of (I) current following through a conductor for the corresponding valves of (V)potential difference are given below <table border="1" data-bbox="470 1227 1331 1301"> <tr> <td>I</td> <td>0.5</td> <td>1.0</td> <td>1.5</td> <td>2.0</td> </tr> <tr> <td>V</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> </table>	I	0.5	1.0	1.5	2.0	V	1	2	3	4
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V	1	2	3	4							
Math	Q1 Find the value of k for which the following pair of linear equations have infinitely many solutions: $2x + 3y = 7$; $(k - 1)x + (k + 2)y = 3k$ Q2 Find the number of solutions of the following pair of linear equations: $x + 2y - 8 = 0$ $2x + 4y = 16$ Q3 Without drawing the graphs, state whether the following pair of linear equations will represent intersecting lines, coincident lines or parallel lines: $6x - 3y + 10 = 0$ $2x - y + 9 = 0$ Justify your answer. Q4 A number consists of two digits. When the number is divided by the sum of its digits, the quotient is 7. If 27 is subtracted from the number, the digits interchange their places. Find the number. Q5 For what value or ' k ' will the following pair of linear equations have infinitely many solutions $kx + 3y = k - 3$ $12x + ky = k$										

S. Sci

Q.1 What is meant by sustainable economic development? Give its main features.

Q.2. What is human development index? Who has prepared it? Write about basic components of human development measurement.

Q.3 1. Why do different persons have different notions of development? Which of the following explanations is more important and why? (a) Because people are different.

(b) Because life situations of persons are different.

2. Do the following two statements mean the same? Justify your answer.

(a) People have different developmental goals.

(b) People have conflicting developmental goals.

3. Give some examples where factors other than income are important aspects of our lives. 4.

Explain some of the important ideas of the above section in your own words.