

Subject-Maths

- Q.1) Simplify : $\frac{(x^2-y^2)^3+(y^2-z^2)^3+(z^2-x^2)^3}{(x-y)^3+(y-z)^3+(z-x)^3}$.
- Q.2) Divide the polynomial $4x^4 - 4x^3 + 3x^2 + 7x - 2$ by $2x - 1$ and find quotient and remainder.
- Q.3) Prove that $\frac{1}{3-\sqrt{8}} - \frac{1}{\sqrt{8}-\sqrt{7}} + \frac{1}{\sqrt{7}-\sqrt{6}} - \frac{1}{\sqrt{6}-\sqrt{5}} + \frac{1}{\sqrt{5}-2} = 5$.
- Q.4) How will you describe the position of a pen on your study table to another person.
- Q.5) Prepare the summary sheets of important points of chapters "Introduction to Euclid's Geometry" and "Lines and Angles". Use different books and internet for this purpose.

Subject-English

- Q1 Why the weather is so much disturb now a days. Write an article on it.
- Q2 Collect a new word from news paper every day. Explain it and form a story on it.
- Q3- Read chapter no 1, 2, 3 from both books Beehive and Moments & prepare your own questions.

Subject-Social Science

- Q1. Answer the following questions on the basis of history ch-3, Nazism & Rise of Hitler, link- <https://youtu.be/CeBYUv1vUay>, and, <https://youtu.be/XjTEQFi25yK>
- Q2. Analyses the birth of Weimar Republic.
- Q3. What were the promises made by Hitler top the people of Germany?
- Q4. Analyses the impact of economic crises 1929 on Germany.
- Q5. What were the major factors responsible for economic crises in Germany during 1920's?
- Q6. Explain main features of foreign policy of Hitler.
- Q7. What steps were taken by Hitler to popularize Nazi Ideology among youth?
- Q8. Describe the status of women in Nazi Germany according to the theory of a racial state.
- Q9. Prepare a cartoon strip-
- Depicting importance of cleanliness around monument.
 - Respect of our heritage.
 - Innovative methods done for cleanliness.

Q10. Collect the names of the various programs launched by the government for providing education and employment opportunities for the under prevailed section of society.

Subject-Biology

1. Learn chapter 5 and 6
2. Find out the scientific names of any five common animals and plants .Do these names have anything in common with the names you normally use to identify them? (A4 Sheet)

Subject-Physics

1. Write all the three laws of motion on an A4 sheet with examples. (Atleast 5 examples and figure for each law).

Subject-Chemistry

1. Collect 5 latest news related to science.
2. Prepare a complete flowchart of matter.

Subject-Hindi

प्र०1 निम्नलिखित विषयों पर संकेत बिन्दुओं के आधार पर निबंध लिखें-

क. वनों का महत्व

संकेत बिंदु- वनों का स्वरूप, वनों से उपलब्ध सामग्री, वातावरण संबंधी प्रभाव, वनों के लाभ, उपसंहार

ख. आदर्श विद्यार्थी

संकेत बिंदु- अर्थ, गुण, विनम्रता, अनुशासन, समाज का विकास, उपसंहार

Subject- Drawing

Q1. Draw & colour a poster making on cleanliness(Size A3)