

HOME WORK

CLASS – X

Subject- Hindi

- निबंध लिखिए किसी एक विषय पर 150 शब्दों में—
 - नोटबंदी – भूमिका, देश का विकास, देश की समस्या, उपसंहार
 - कम्प्यूटर – भूमिका, आविष्कार, कम्प्यूटर के लाभ, कम्प्यूटर में वर्तमान हानियाँ, उपसंहार
 - गंगा नदी – भूमिका, उद्गम, श्रद्धा का आधार, वर्तमान स्थिति, सुधारों के उपाय, उपसंहार
- पत्र लिखिए –
अपने मोहल्ले में सफाई की दुर्व्यवस्था के प्रति चिंता व्यक्त करते हुए नगर निगम के अध्यक्ष को पत्र लिखिए।
- रस में अन्तर । (कोई दो)
 - वात्सल्य व श्रृंगार रस
 - रौद्र व करुण रस
 - अनुभाव व विभाव में अन्तर

Subject- English

- After coming back from Verona, the narrator makes a diary entry regarding the impression of Nicola and Jacopo on him, as narrator write a diary entry in about 100 words.
- As Nicola, write letter to your friend How you performed your duty towards your ailing sister.
- Why did the author call the boys "Two gentlemen of Verona"?
- How was the frog indirectly responsible for the death of the nightingale?
- Do you think the end is justified? Give reason for your answer.

Subject- Maths

- Application of real number system in day to day life.
- Find all the zeroes of the polynomial $2x^4 - 3x^3 - 3x^2 + 6x - 2$, if two of its zeroes are $\sqrt{2}, -\sqrt{2}$.
- What must be added to $8x^4 + 14x^3 - 2x^2 + 7x - 8$ so that the resulting polynomial is exactly divisible by $4x^2 + 3x - 2$.
- Find the value of a, b so that $x^4 + x^3 + 8x^2 + ax + b$ is divisible by $x^2 + 1$.
- Divide $2x^4 - 9x^3 + 5x^2 + 3x - 8$ by $1 - 4x + x^2$ and verify division algorithm.
- Find the zeroes of $3\sqrt{2}x^2 + 13x + 6\sqrt{2}$ and verify the relation between the zeroes and coefficients of the polynomial.
- If the zeroes of the polynomial $x^3 - 3x^2 + x + 1$ are a - b, a, a + b. Find a, b (a=1, b= $\mp\sqrt{2}$)
- Verify where $\frac{1}{2}, 1 - 2$ are the zeroes of the polynomial $2x^3 + x^2 - 5x + 2$. Also verify the relations between the zeroes and the coefficients.
- Plot the solution in graph:-
 - $2x + 3y = 2$
 - $4x + y = 2$
 - $x + 3y = 5$

Subject- S. ST.

Write and learn these questions:-

- 1 Write an essay in 'Entertainment & Consumption during the 1850 in France?
- 2 What do you know about European reformers (Altruist Or Philanthropist)? What did they do to reform the France?
- 3 Which types of image were used to self-product in India during colonial government?
- 4 How did spinning Jenny effect to the life of workers and small scale industry owners?
- 5 What happened to the Indian weavers during the colonial government?
- 6 What do you understand by Temperance Movement and Chartism? Differentiate between these two movements.

Subject- SCIENCE

Note: - Draw the diagram as per need.

- 1 Why can we need chemical equation? Explain types of reactions with three examples of each?
- 2 Explain oxidation and reduction and what effects of oxidation reaction in everyday life?
- 3 Explain life processes? What importance of photosynthesis in nutrition?
- 4 What importance of Transportation in life. Explain in brief circulation system in human?
- 5 What is blood pressure? Write the value of blood pressure in various age group and What causes of hypertension?
- 6 Why we have need to excretion? What is the unit of kidney and which condition we need to hemodialysis?
- 7 What roll of platelets in our blood? Which artery contain deoxygenated blood?