

CLASS - 8th

DATE - 07.01.25

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

SUBJECT -ENGLISH

Write down an article for the school magazine on the topic 'Impact of Media on Teenagers' in about 120 words.

SUBJECT - HINDI

आप श्रेयस राजपूत या श्रेयसी सिंह है आप छात्रावास में रहते हैं। आपको अपने पिताजी से पता चला है कि आपकी माताजी पूरे परिवार का तो ध्यान रखती हैं किंतु अपने स्वास्थ्य की अक्सर अनदेखी कर देती हैं। माताजी को समझाते हुए लगभग 150 शब्दों का एक पत्र लिखिए।

SUBJECT - PUNJABI

ਪ੍ਰਸ਼ਨ 1- 'ਸ਼ਹੀਦੀ ਸੰਦੇਸ਼' ਕਵਿਤਾ ਦਾ ਸਾਰ ਲਿਖੋ।

ਪ੍ਰਸ਼ਨ 2- ਮੁਹਾਵਰੇ 11 ਤੋਂ 20 ਯਾਦ ਕਰਕੇ ਲਿਖੋ।

SUBJECT - MATHS

1. Factorise: $9x^2 + 4y^2 + 16z^2 + 12xy + 16yz + 24xz$
2. Simplify: $(6a + 5b + 4c)^2 + (6a - 5b - 4c)^2$
3. If $x - \frac{1}{x} = 7$ then find the values of $x^2 + \frac{1}{x^2}$ and $x^4 + \frac{1}{x^4}$
4. Factorise : - $16p^4 - 81q^4$
5. If $x + \frac{1}{x} = 4$, Find the value of $x^2 + \frac{1}{x^2}$ and $x^4 + \frac{1}{x^4}$
6. If $x - y = 7$, $xy = 9$ Find the value of $x^2 + y^2$
7. 16. If $x + y = 12$, $xy = 27$ Find the value of $x^3 + y^3$
8. 17. If $a^2 + b^2 + c^2 = 20$, $a + b + c = 6$ find $ab + bc + ca$

SUBJECT - SCIENCE

1. Forest fire produces a lot of air pollution. Write in brief about the reasons of forest fires.
2. Although wood has a very high calorific value, we still discourage its use as a fuel. Explain.
3. The calorific values of petrol and CNG are 45000 kJ/kg and 50,000 kJ/kg, respectively. If you have vehicle which can run on petrol as well as CNG, which fuel will you prefer and why?
4. Give two examples each for a solid, liquid and gaseous fuel along with some important uses.
5. What are the two essential requirements to produce fire? How fire extinguisher is useful for controlling the fire?

6. Draw a diagram showing different zones of candle flame . which zone have property of

- i. unburnt vapours ii. Luminous zone iii least hot zone

7. write characteristics of ideal fuel.

8. Define calorific value of fuel .

9. Why water is not used in controlling electrical fires .

SUBJECT - SOCIAL SCIENCE

1. India is known as federation with the very strong Central Government. Explain with the help of any three constitutional provisions.

2. Explain any five features of parliamentary form of Government.

3. Explain the circumstances under which the president's rule can be imposed in a state.

4. Explain any five uses of land resources

SUBJECT - MORAL EDUCATION

प्रश्न 1. ब्रह्मचर्य आश्रम का महत्व स्पष्ट करके लिखिए।

प्रश्न 2. संस्कृत भाषा की पांच विशेषताएं लिखिए।

प्रश्न 3. हिंदी को प्राप्त स्थान की समीक्षा करके लिखिए।

प्रश्न 4. गुरु गोबिंद सिंह जी ने संस्कृत के विस्तार के लिए कौन से कार्य किए?