

Class – 8th



SUMMER HOLIDAY HOMEWORK

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हिन्दी

1. निबंध लेखन (Any 2) -

- कन्या भ्रूण हत्या: लिंगानुपात की समस्या
- इंटरनेट की उपयोगिता
- स्वच्छ भारत अभियान
- मेरा प्रिय कवि

2. विज्ञापन लेखन (Any 2) -

- पर्यावरण के प्रति जागरूकता बढ़ाने के लिए लगभग 25 से 50 शब्दों में एक विज्ञापन तैयार कीजिए
- वसंत ऋतु में विद्यालय के उद्यान में पुष्प प्रदर्शनी देखने के लिए आने हेतु एक विज्ञापन लिखिए
- आपके विद्यालय में ग्रीष्म अवकाश में निशुल्क कंप्यूटर शिक्षक की व्यवस्था की गई है इस विषय में प्रधानाचार्य की ओर से 25 से 50 शब्दों में एक विज्ञापन तैयार कीजिए.

SANSKRIT

Learn and write following शब्दरूप -

- बालकः शब्द
- कवि शब्द
- साधु शब्द
- पितृ शब्द
- स्त्रीलिङ्गः रमा शब्द

SCIENCE

- 1. Prepare a chart on harmful effects of plastics.
- 2. Prepare a chart on Junk food vs healthy food .

SOCIAL SCIENCE

A. Make a Project on any one of the following :-

1. Make a chart on various methods of soil conservation.
2. Prepare a table on the leaders of the revolt of 1857, Collect information and pictures about them and make a collage.
3. Explore the internet and find out more information about the wildlife in India and their habitat. Make a presentable chart.
4. Make a collage of framing of the Indian constitution. Paste pictures and also list down the fundamental rights and duties mentioned in the Indian Constitution.

B. Revise and prepare all the chapters of Social Science done in the class for upcoming exams.

MATHS

Rational Numbers

1. Using appropriate properties find:

$$(a) \left[-\frac{2}{3} \times \frac{3}{5} + \frac{5}{2} - \frac{3}{5} \right] =$$

$$(b) \frac{2}{5} \times \left[\frac{-3}{7} + \left(\frac{-1}{6} \right) \right] =$$

2. Write the additive inverse of each of the following :

$$(a) \frac{2}{8} \quad (b) \frac{-5}{9} \quad (c) \frac{-6}{-5} \quad (d) \frac{2}{-9} \quad (e) \frac{19}{-6}$$

3. Verify that $(-x) = x$ for

$$(a) x = \frac{11}{15} \quad (b) x = \frac{-13}{17}$$

4. Find the multiplicative inverse of the following :

$$(a) -13 \quad (b) \frac{-13}{19} \quad (c) \frac{1}{5} \quad (d) \frac{-5}{8} \times \frac{-3}{7} \quad (e) -1 \times \frac{-2}{5} \quad (f) -1$$

5. Name the property under multiplication used in each of the following :

$$(a) \frac{-4}{5} \times 1 = 1 \times \frac{-4}{5}$$

5. Name the property under multiplication used in each of the following:

$$(a) \frac{-4}{5} \times 1 = 1 \times \frac{-4}{5} = \frac{-4}{5} \quad (b) \frac{-13}{17} \times \frac{-2}{7} = \frac{-2}{7} \times \frac{-13}{17}$$

$$(c) \frac{-19}{29} \times \frac{29}{-19} = 1$$

6. Multiply $\frac{6}{13}$ by the reciprocal of $\frac{-7}{16}$

7. Tell what property allows you to compute $\frac{1}{3} \times \left[6 \times \frac{4}{3} \right]$ as $\left[\frac{1}{3} \times 6 \right] \times \frac{4}{3}$

8. Is $\frac{8}{9}$ the multiplicative inverse of $-1 \left[\frac{1}{8} \right]$? Why or why not?

9. Is 0.3 the multiplicative inverse of $3\frac{1}{3}$ Why or why not?

10. Write:

- (a) The rational number that does not have a reciprocal.
- (b) The rational numbers those which are equal to their reciprocals.
- (c) The rational number that is equal to its negative.

11. Fill in the blanks:

- (a) Zero has _____ reciprocal.
- (b) The numbers _____ and _____ are their own reciprocals.
- (c) The reciprocal of -5 is _____
- (d) Reciprocal of $1/x$, where $x \neq 0$ is _____
- (e) The product of two rational number is always a _____
- (f) The reciprocal of a positive rational number is _____

12. Represent these numbers on a number line:

(a) $\frac{7}{4}$ (b) $\frac{-5}{6}$

13. Represent $\frac{-2}{11}$, $\frac{-5}{11}$, $\frac{-9}{11}$ on the number line.

14. Write five rational numbers which are smaller than 2.

15. Find ten rational numbers between $\frac{-2}{5}$ and $\frac{1}{2}$

16. Find five rational numbers between:

(a) $\frac{2}{3}$ and $\frac{4}{5}$ (b) $\frac{-3}{2}$ and $\frac{5}{3}$ (c) $\frac{1}{4}$ and $\frac{1}{2}$

17. Write five rational numbers greater than -2

18. Find ten rational numbers between $\frac{3}{5}$ and $\frac{3}{4}$

19. Find $\frac{3}{7} + \left[\frac{-6}{11} \right] + \left[\frac{-8}{21} \right] + \frac{5}{22}$

20. Find $\frac{-4}{5} \times \frac{3}{7} \times \frac{15}{16} \times \left[\frac{-14}{9} \right]$

21. Write the additive inverse of the following:

(a) $\frac{-7}{19}$ (b) $\frac{21}{112}$

22. Verify that $-(-x)$ is the same as x for:

(a) $x = \frac{13}{7}$ (b) $x = \frac{-21}{31}$

23. Find $\frac{2}{5} - \frac{3}{7} - \frac{1}{14} - \frac{3}{7} \times \frac{3}{5}$

24. Write any three rational numbers between -2 and 0

25. Find any ten rational numbers between $\frac{-5}{6}$ and $\frac{5}{8}$

26. Find a rational number between $\frac{1}{4}$ and $\frac{1}{2}$

27. Find three rational numbers between $\frac{1}{4}$ and $\frac{1}{2}$

ENGLISH

1. Make a creative chart of tenses and its kinds with examples
2. Make a creative chart of determines and its kinds.
3. Write a paragraph on 'Visit A Zoo' and Cleanliness Campaign in Indian.

Important Pointers for Holiday homework

- **Holiday Homework needs to be done in neat handwriting.**
- **Activities should be presented beautifully with excellent creativity.**
- **Holiday Homework is mandatory to be done by all the students within the stipulated time.**
- **Students who won't be able to take out the print out of the Holiday Homework can do it in the notebook only by mentioning the question no. and writing the answers.**
- **Holiday Homework will be evaluated in overall result.**

HAPPY HOLIDAYS!!!