



RAINBOW PUBLIC SCHOOL

[Affiliated to CBSE 10+2, New Delhi]
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HOLIDAY HOME WORK (2024–25)

CLASS – VIII

SUBJECT – ENGLISH

1. Write a descriptive paragraph on 'Your favourite Personality' in 150 words.
2. Draw a poster to 'Save Earth Save Environment' and write slogans for it.
3. Write about a memorable incident of your previous class.
4. Make an advertisement for any of your favourite stationery company.
5. Write advantages and disadvantages of cell phones.
6. Write a fable with moral in about 60-70 words with pictures.
7. Write a poem on 'My Mother'.
8. Write a biosketch of your favourite poet.
9. Make a word wall of 50 words from 'M' letter.
10. Draw a bird house and write the ways to save birds.

Note : All homework questions should be done in an A-4 size paper and bring it into a stick file.

CLASS – VIII

विषय – हिन्दी

१. सुमित्रानन्दन पंत और प्रेमचंद का जीवनी सचित्र लिखें।
२. भारत की भौगोलिक स्थिति पर दस वाक्य लिखिए।
३. सुभाषचंद्र बोस, भगत सिंह, चंद्रशेखर आजाद एवं रानी लक्ष्मीबाई के बारे पाँच पंक्तियाँ सचित्र लिखें।
४. तुलसीदास जी के दो दोहों का सप्रसंग व्याख्या करें। (रंगीन)
५. महाभारत से संबंधित पात्रों व घटनाओं की जानकारी इकट्ठी कर एक आकर्षक चार्ट बनाएँ।
६. विश्व के किन्ही दस देशों का नाम लिखकर उनकी राजधानी, भाषा और राष्ट्रीय ध्वज को प्रदर्शित करें।
७. अनुनासिक और अनुस्वार का अंतर उदाहरण देकर स्पष्ट कीजिए।
८. अपने क्षेत्र में निरंतर हो रही चोरी को रोकने के लिए थाना प्रभारी को आवेदन पत्र लिखें।
९. अपने मकान की बिक्री हेतु एक आकर्षक विज्ञापन बनाइए।
१०. 'पुस्तक का महत्व' पर अनुच्छेद लिखें।

CLASS – VIII

विषय :- संस्कृत

१. निर्देशानुसारेण धातु रूपाणि लिखत।
 - (i) ध्रा - जिष् - लट्लकारे
 - (ii) स्था - तिष्ठ - लङ्लकारे
 - (iii) नम् - लृट्लकारे
 - (iv) याच् - लोट्लकारे
 - (v) क्रीड् - लृट्लकारे
२. संपूर्ण विभक्त्याम् वचने शब्द रूपाणि लिखत।

| | | |
|---------|-------------|--------------|
| (i) देव | (ii) बालिका | (iii) पत्रम् |
|---------|-------------|--------------|
३. वर्ण-विच्छेदं कुरुत।

| | | |
|----------------|---------------|----------------|
| (i) साध्वितिः | (ii) मातृणाम् | (iii) क्षत्रिय |
| (iv) ज्ञान्तिः | (v) पृथकरणं | (vi) महर्षिः |
४. संख्या पदं संस्कृत भाषायाम् लिखत। (१ से ५०)

५. १० पुल्लिंग पदानि १० स्त्रीलिंग पदानि १० नपुंसक लिंग पदानि च लिखत। (अर्थ सहितेन)

६. क्रिया कलापं/कार्य परियोजनम् कार्यं रचय।

(i) सर्वे वर्ण पत्राणि युक्त-वर्णवृक्षं स्वच्छ रूपेण चार्ट पत्रे रचय।

(ii) “आचार्य वाल्मीकि” के जीवनवृत्तं चित्र सहित १० वाक्यों में लिखो।

CLASS – VIII**SUBJECT - MATHEMATICS**

[NOTE : Do all these questions in a thin copy]

1. Verify commutative property for addition of rational numbers for the following pairs of rational numbers.

(i) $\frac{-11}{7}$ and $\frac{7}{8}$

(ii) $\frac{3}{7}$ and $\frac{5}{-3}$

2. Verify the distributive property of multiplication over addition.

(i) $\frac{3}{10} \times \left(\frac{5}{12} - \frac{20}{21}\right)$

(ii) $\frac{-11}{7} \times \left(\frac{-2}{3} + \frac{7}{15}\right)$

3. Using commutative and associative property of addition, express the following as a rational number.

(i) $\frac{4}{7} + \frac{-8}{9} + 1 + \frac{-13}{7} + \frac{17}{21}$

(ii) $\frac{-1}{3} + \frac{13}{9} + \frac{5}{3} + \frac{-7}{9} + \frac{7}{24}$

4. Solve the following linear equations :

(i) $\frac{x-5}{2} - \frac{x-3}{6} + \frac{x}{6} = \frac{3}{2}$

(ii) $\frac{x}{2} - \frac{1}{4}\left(x - \frac{1}{3}\right) = \frac{1}{6}(x + 1) + \frac{1}{12}$

(iii) $3 - 5(6 - 7x) = 3(8x - 11) - 4(9x - 25)$

5. **Assertion Reason Questions :**

The following questions consist of two statement Assertion (A) and Reason (R). Answer these question selecting the appropriate option given below :

(a) Both A and R are true and R is the correct explanation of A.

(b) Both A and R are true but R is not the correct explanation of A.

(c) A is true but R is false.

(d) A is false but R is true.

(i) Assertion (A) : $x^2 + 1 = 0$ is a linear equation in the variable x .

Reason (R) : Standard form for linear equation in one variable is $ax + b = 0$; where x is variable and a, b are arbitrary constants.

(ii) Assertion (A) : $\left(\frac{-1}{7}\right) \times 0 = 0 \times \left(\frac{-1}{7}\right) = 0$

Reason (R) : 0 is the multiplicative identity for rational numbers.

6. **Word Problem :**

(i) From the sum of $\frac{-18}{51}$ and $\frac{2}{17}$ subtract the sum of $\frac{1}{85}$ and $\frac{-2}{5}$.

(ii) The cost of $5\frac{1}{6}$ metres of wire is ₹ $21\frac{3}{4}$, find its cost per metre.

(iii) The ages of Rahul and Ramya are in the ratio 5:7. After 4 years the sum of their ages will be 56 years. Find their present ages.

Or

A 300 m long wire is used for fencing a rectangular plot whose length is twice its width. Find the length and breadth of the plot.

7. Find two rational number between the following :

(i) 1 and 2

(ii) $\frac{1}{3}$ and $\frac{1}{2}$

(iii) $\frac{-1}{4}$ and $\frac{-1}{2}$

8. Case Study Based Questions.

(a) Sita and Gita going to market purchasing some toys for children. Sita has ₹84 in his purse while Gita has ₹85. Sita has 36 coins of ₹2 and ₹5. Gita has ₹1 and ₹2 coins and the ratio in her coins is 5:6. Now give the answer of the following questions based on the above situation.

- (i) Find the equation of representing the number of coins in Sita's purse.
- (ii) Find the equation of representing the number of coins in Gita's purse.
- (iii) Find the number of ₹2 coins in Sita's purse.
- (iv) Find the total number of coins in Sita's purse.

Or

Aditya who is working in a company earns ₹150000 per month. Out of his earning he spends $\frac{1}{10}$ on food items, $\frac{1}{4}$ on shopping with family $\frac{1}{5}$ of the remaining on education of his two kids and rest of his money he puts in his savings. Based on above situation answer the following question.

- (i) How much money he spends on food items?
- (ii) How much money was left with him after spending on food and shopping together?
- (iii) How much money he saved?

9. Fill in the blanks :

- (i) The equivalent of rational number $\frac{3}{5}$, whose denominator is 25 is _____.
- (ii) The equivalent of rational number $\frac{3}{7}$ whose numerator is 12 is _____.

10. Denote Rational number on number line.

- (i) $\frac{2}{5}$
- (ii) $\frac{-7}{8}$
- (iii) $2\frac{1}{3}$

CLASS – VIII

SUBJECT - SCIENCE

1. Set-up an experiment to study the growth of plants using three different soil types.
2. Write several agricultural practices used in crop – production .
3. Draw the diagram of different methods of animal products to be obtain as food items.
4. Give few examples of different types of force and give three examples of each type.
5. Why are earthworms considered as farmers friend? Explain.
6. What are the various pressure that we come across day to day life give examples?
7. What is an electroscope? Write about its uses.
8. Describe briefly how lightning occur?
9. What is the role of micro-organism in our day to day life? Give few examples.
10. Write and describe few food preservation techniques.

CLASS – VIII

SUBJECT - S.ST

Assertion Reason Questions :

There are two statements marked as Assertion (A) and Reason (R). Read the statement and choose the correct option :

- (a) Both A and R are true and R is the correct explanation of A.
- (b) Both A and R are true but R is not the correct explanation of A.
- (c) A is true but R is false.
- (d) A is false but R is true.

1. Assertion (A) : The Constitution Assembly was formed in 1946 with representatives from different parts of India.

Reason (R) : The main architect of the Indian constitution was Dr. B. R. Ambedkar.

2. Assertion (A) : Manufacturing comes under secondary activities in which raw materials are processed and finished goods are produced.

Reason (R) : In the last century the world has not seen any growth in this sector.

3. How did the British preserve the reports and documents?

4. Make a list of resources in and around you and classify them on various basis.

5. What is natural environment? What are four domains of environment?

6. Why does a democratic country need a constitution?

7. Write down the names of Indian states, which share the borders with the following :

(a) Bangladesh (b) Bhutan (c) Nepal

On the outline Map of India locate and label the following with suitable symbols. (Separate map for each questions).

8. Any five places related to the revolt of 1857.

9. Nuclear power plants :

(a) Tarapur (b) Rawatbhata (c) Kalpakkm
(d) Narora (e) Kudankulam

10. Biosphere Reserves of India

(a) Nilgiri (b) Simlipal (c) Great Rann of Kutch
(d) Nanda Devi (e) Dihang-Dibang
