

# N M PUBLIC SCHOOL

## Holiday Homework

Session -2023-24

Class-VIII

SANSKRIT	<p>संस्कृत (रुचिरा)</p> <p>पाठ 3,4,5 पढ़ो समझो और शब्दार्थ कॉपी में लिखो ।</p> <p>गणतंत्र दिवस, मम शिक्षकः , समय महत्व संस्कृत में सभी विषयों पर दस-दस लाइनें लिखिए ।</p> <p>प्रत्येक दिन एक पृष्ठ सुलेख संस्कृत में लिखिए ।</p> <p>पाठ 3,4,5 में से बीस -बीस अतिलघु प्रश्न बनाइए ।</p> <p>रोल नंबर 1 से 8 विलोमपदानि बीस शब्द चार्ट पेपर पर लिखिए ।</p> <p>रोल नंबर 9 से 16संस्कृत में बीस वचनस्य और विशेषण का चार्ट पेपर बनाइए ।</p> <p>रोल नंबर 17 से 24 वंदेमातरम राष्ट्रीयगीत चार्ट पेपर पर लिखिए ।</p> <p>रोल नंबर 25 से 32 मासानां नामानि और ऋतुओं के नाम चार्ट पेपर पर लिखिए ।</p>
ENGLISH	<p>A. Political Science Project- Prepare a project according to CBSE guidelines.</p> <p>Some suggested topics are:</p> <ol style="list-style-type: none"><li>The importance of elections in a democratic country with special reference to India.</li><li>The recent Lok Sabha Elections 2019 - submit a project report on the parties involved. Their campaigns and the results.</li><li>Detailed Structure and Functioning of any one organ of the government ie Legislative, Judiciary or Executive.</li><li>Decentralization- a review of 73rd and 74th amendment.</li><li>Take up any one concept/value such as Equality, Liberty, Social Justice etc. Find out a case study where violation of these rights has been seen. Analyse the case and prepare a report.</li><li>Any other topic based on the syllabus.</li></ol> <p>General Instructions:</p> <ol style="list-style-type: none"><li>It should be a handwritten project on a A4 size sheet.</li><li>Project should be summed up in 10-12 pages.</li><li>It should be well researched and pictorial.</li><li>The project must have a table of contents.</li><li>Title/ Cover page, acknowledgement, Bibliography, headings and sub-headings are a must.</li><li>It must include relevant news clippings, facts and figures.</li></ol>
COMPUTER	<p>* Write the advantages and the disadvantages of computer.</p> <p>* Draw a picture of Computer on a A3 Sheet.</p>
SOCIAL SCIENCE	<ol style="list-style-type: none"><li>Collect the information about the natural resources and explain in detail.</li><li>Make a Model of Means of Road Transport on a thermocol sheet.</li></ol>
HINDI	<p>प्रश्न 1 विभिन्न योगों के लाभों का वर्णन और उनके चित्र उत्तर पुस्तिका में चिपकाए ।</p> <p>प्रश्न 2 हमारे देश में कितने राज्य हैं ? उनके और उनकी राजधानियों के नाम सहित एक चार्ट तैयार करते हुए अपने मित्र को पत्र लिखिए।</p> <p>प्रश्न 3 गर्मियों की छुट्टियों में आप किसी पर्वतीय स्थल पर घूमने गए थे उस पर्वतीय स्थल का वर्णन करते हुए अपने मित्र को पत्र लिखिए ।</p> <p>प्रश्न 4 रोजाना गृह कार्य पुस्तिका में एक पेज सुलेख कीजिए ।</p>
GK	<p>Make a chart on A3 sheet showing the achievements of sportspersons who have physical disabilities. Write about their achievements in 2-3 lines.</p>
SCIENCE	<ol style="list-style-type: none"><li>Make a model showing process of photo synthesis.</li><li>Make a model/chart(A3 sheet) of any insectivorous plant like pitcher plant</li><li>Make a model of wind mill with waste material.</li><li>Make a poster on "project tiger " Program launched by government of india.</li><li>Prepare a project on digestive system of human of human being.</li><li>collect six types of grains. Know their names.</li></ol>
ART AND CRAFT	<ol style="list-style-type: none"><li>Roll no 1 to 20 Make handmade doll planter. <a href="https://youtu.be/SKoWGB5Hti0">https://youtu.be/SKoWGB5Hti0</a></li><li>Roll no 11 to 32 Make wall hanging class room rules. <a href="https://youtu.be/WteGLtGFrrY">https://youtu.be/WteGLtGFrrY</a></li></ol>
MATHEMATICS	<p>DO WORKSHEET ATTACHED TO THIS PDF</p>

## WORKSHEET 1

Solve the following equations (from 1 to 6) and check your results.

1)  $3x = 2x + 18$

2)  $5t - 3 = 3t - 5$

3)  $8x + 4 = 3(x - 1) + 7$

4)  $x = \frac{4}{5}(x + 10)$

5)  $\frac{2x}{3} + 1 = \frac{7x}{15} + 3$

6)  $3m = 5m - \frac{8}{5}$

- 7) A positive number is 5 times another number. If 21 is added to both the numbers, then one of the new numbers becomes twice the other new number. What are the numbers?
- 8) Sum of the digits of a two-digit number is 9. When we interchange the digits, it is found that the resulting new number is greater than the original number by 27. What is the two-digit number?
- 9) One of the two digits of a two digit number is three times the other digit. If you interchange the digits of this two-digit number and add the resulting number to the original number, you get 88. What is the original number?
- 10) Shobo's mother's present age is six times Shobo's present age. Shobo's age five years from now will be one third of his mother's present age. What are their present ages?
- 11) There is a narrow rectangular plot, reserved for a school, in Mahuli village. The length and breadth of the plot are in the ratio 11:4. At the rate Rs 100 per metre it will cost the village panchayat Rs 75000 to fence the plot. What are the dimensions of the plot?
- 12) Aman's age is three times his son's age. Ten years ago he was five times his son's age. Find their present ages.

### Multiple Choice Questions

*In questions 13 to 15 out of the four options only one is correct, write the correct answer.*

13) The solution of which of the following equations is neither a fraction nor an integer.

(a)  $3x + 2 = 5x + 2$

(b)  $4x - 18 = 2$

(c)  $4x + 7 = x + 2$

(d)  $5x - 8 = x + 4$

14) The digit in the tens place of a two digit number is 3 more than the digit in the units place. Let the digit at units place be  $b$ . Then the number is

(a)  $11b + 30$

(b)  $10b + 30$

(c)  $11b + 3$

(d)  $10b + 3$

15) If  $8x - 3 = 25 + 17x$ , then  $x$  is

(a) a fraction

(b) an integer

(c) a rational number

(d) cannot be solved

### Fill in the blanks

*In questions 16 to 18, fill in the blanks to make each statement true.*

16) The solution of the equation  $3x - 4 = 1 - 2x$  is \_\_\_\_\_.

17) The denominator of a rational number is greater than the numerator by 10.

If the numerator is increased by 1 and the denominator is decreased by 1, then expression for new denominator is \_\_\_\_\_.

18) In a 2 digit number, the units place digit is  $x$ . If the sum of digits be 9, then the number is \_\_\_\_\_.

### Solve the given questions:

19) Write three rational numbers occurring between  $1/3$  and  $4/5$ .

20) Multiply the negative of  $2/3$  by the inverse of  $9/7$ .

21) What should be added to  $-16/3$  to make it  $1/9$ ?

22) What should be subtracted from  $5/8$  to make it  $-1$ ?

- 23) Write different properties of a rational number.
- 24) Represent  $\frac{3}{4}$  and  $\frac{8}{9}$  on a number line.
- 25) Find the greater of the two  $-\frac{12}{5}$  and  $\frac{4}{9}$
- 26) Multiply the negative of  $\frac{29}{2}$  by its inverse.
- 27) Write a rational number equivalent to  $\frac{9}{10}$  having 90 as numerator.
- 28) Write a rational number equivalent to  $\frac{18}{29}$  having 87 as denominator.
- 29) Write  $\frac{2}{3}$ ,  $-\frac{4}{9}$ ,  $-\frac{8}{11}$  in ascending order.
- 30) Write  $\frac{2}{3}$ ,  $-\frac{4}{9}$ ,  $-\frac{8}{11}$  in descending order.