

## **CLASS 8 SUMMER HOLIDAYS HOMEWORK 2021-22**

### **SUBJECT: ENGLISH**

#### **Holidays Homework**

Sway: <https://sway.office.com/1tBC0Eac7bslActB?ref=email>

---

### **SUBJECT: HISTORY, GEOGRAPHY AND S.P.L.**

#### **History:**

1. Collect pictures, stories, poems and information about any of the following – The Rani of Jhansi, Tipu Sultan, Maharaja Ranjit Singh or any other contemporary ruler of your region. Use 4-5 A4 sheets/Do it on a scrap book.
2. Map Work: (a) On the physical map of India, mark the different parts of India that were not under British rule in 1857; (b) On the physical map of world, mark and label the sea route to Indian from Britain.

#### **Geography:**

1. 'If we are not careful then even renewable resources can become very scarce and the non-renewable ones can definitely get exhausted.'What do we do about it? Support your research work with pictures and write –up.
2. Prepare a chart showing the differences between the lifestyle before and after covid -19 .Students can share stories of their real life.Support your chart with pictures or diagrams.

#### **S. P. L.**

1. Draw the Preamble of the Indian Constitution.
2. Make a poster on 'Unity in Diversity' with slogan, showing Indian Secularism on A4 sheet.

\* Revise Ch-1 (History) ,Ch-1 ( Geography) & ( S.P.L). Ch - 1 questions and answers.

---

### **SUBJECT- MATHEMATICS**

1. Make a Power point presentation on Properties of rational numbers (6-7 slides).
2. Frame any 10-word problems based on Linear equation in one variable from day to day life situations and solve them.

3. Download 5 Sudokus and solve them.
4. In a notebook solve all the examples of textbook from Chapter 1 & 2.
5. Prepare five cross word puzzles using mathematical terms.
6. Do the following activities by paper cutting and pasting in your Maths lab manual
  - (a) Angle sum property of quadrilaterals.
  - (b) Verify that the quadrilateral made by joining the mid points of a quadrilateral is a parallelogram
7. In this period of Pandemic how will you divide your day in different productive activities (minimum 7 activities) while staying at home  
Tabularise the data and represent in the form of a bar graph.
8. Revise Chapter 1 and 2. Do the following worksheet.

### WORK SHEET

#### CHAPTER 1

#### RATIONAL NUMBER

**Note : Do all the Questions. Each question carries 2 marks.**

1. If  $a=1/2$  ,  $b=2/3$  ,  $c=3/4$  , verify that  $a \times (b \times c) = (a \times b) \times c$ .
2. Divide the sum of  $-3/7$  and  $5/6$  from their product.
3. A person earns Rs100 in a day. If he spends Rs  $15\frac{1}{5}$  on food and Rs  $20\frac{2}{3}$  on rent. How much did he save on that day.
4. Sohan cut a  $21\frac{1}{3}$  m long rope into pieces of  $5\frac{1}{3}$ m length each .How many pieces of the rope did he get.
5. Verify the commutative property for the pair of rational numbers  $\frac{-5}{7}$  and  $\frac{9}{14}$ .
6. What number should be subtracted from  $-3/5$  to get  $-2$ ?
7. Which of the rational number is greatest  $-11/28$ ,  $-5/7$ ,  $9/(-14)$ ,  $29/(-42)$ .
8. A mother and her two daughters got a room constructed for Rs. 62000. The elder daughter contributes  $3/8$  of he mothers contribution while the younger daughter contributes  $1/2$  of her mother's share, How much do the three contribute individually?

## MATHS WORKSHEET (1)

### CHAPTER 2

#### LINEAR EQUATIONS IN ONE VARIABLE

##### (Understanding & Knowledge)

**Note: Each question carries one mark.**

Solve the following equations :

1.  $2x - 3 = 7$
2.  $7y + 9 = 16$
3.  $2(x - 3) = 15$
4.  $2x - 3 = x + 2$
5.  $6x = 12$

##### Concept Understanding and application

**Note: Each question carry two marks each**

1.  $\frac{2x}{3} - 2 = 18$
2.  $5x - 3 = 3x - 5$ .
3.  $4(2x + 1) = 3(x - 1)$
4. Two numbers are in the ratio 5 : 3 , If they differ by 18. What are the numbers.
5. The sum of two numbers is 90 and the greater number exceeds thrice the smaller number by 14. Find the number

## MATHS WORKSHEET (2)

### CHAPTER 2

#### LINEAR EQUATIONS IN ONE VARIABLE

##### Application and Numerical ability

**Note: All the questions carry 3 marks each.**

1. Solve  $\frac{x+1}{2x+3} = \frac{3}{8}$ .
2. Solve:  $\frac{3}{x+8} = \frac{4}{6-x}$ .

3. Solve :  $5 - 3(5x + 2) = 4(7 - 3x) + 1$ .
4. Solve:  $\frac{2y+3}{3y+2} = \frac{4y+5}{6y+7}$ .
5. Solve:  $\frac{x+3}{3} - \frac{x-3}{2} = 1$ . Hence find p, if  $\frac{1}{x} + p = 1$ .

### **Application and Numerical ability**

Note: All the questions carry 4 marks each.

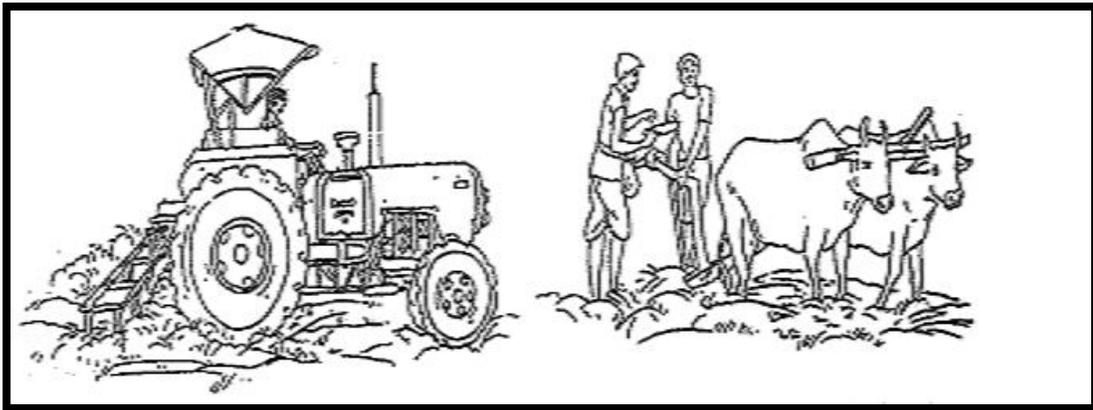
1. The sum of three consecutive multiples of 8 is 888. Find the multiples.
2. The sum of two numbers is 90 and the greater number exceeds thrice the smaller number by 14. Find the numbers.
3. The perimeter of a rectangular swimming pool is 154m. Its length is 2m more than twice its breadth. What is the area of the pool?
4. The sum of the digits of a two digit number is 12. If 18 is added to it, the digit are reversed. Find the number.

The ages of Sona and Sonali are in the ratio 5 : 3. Five years hence, the ratio of their ages will be 10 : 7. Find their present age.

.....

### **SUBJECT: SCIENCE**

1. Write the following activities in your practical file (lab Manual):
  - i. To select the healthy seeds for sowing.
  - ii. To show that metal reacts with oxygen to form basic oxides.
  - iii. To study the reaction between iron nails and copper sulphate solution.
2. A young girl went to her grandparents living in the nearby village. She saw on the way farmers tilled the field before sowing seeds. After returning home, she decided to grow some tomatoes or pea plant in her kitchen garden. Write a few points that the girl should remember about seeds in order to get good crops.
3. Identify the following devices and state their uses:



4. On a plane T-Shirt Paint the slogan encouraging 'BAN SINGLE USE PLASTICS.'
5. From the word puzzle given find at least eight words which are 'farmer's friends.' Classify them into living and non-living.

B	S	E	I	L	O	R	U	A	Z	Z
O	E	A	R	T	H	W	O	R	M	K
E	E	Z	L	G	O	H	Y	H	I	U
X	D	N	U	R	E	A	S	I	C	S
D	M	O	X	P	T	K	Y	Z	R	B
C	L	R	B	U	L	L	F	O	O	X
P	W	K	V	R	A	O	E	B	B	C
I	Q	P	G	B	G	C	W	I	E	M
M	A	N	U	R	E	V	J	U	S	P
Q	X	F	U	S	A	Z	T	M	U	V



**SUBJECT – HINDI**

**Holidays Homework**

**SWAY LINK :** <https://sway.office.com/DXTY8aBGz9HD7XCU?ref=Link>

\*\*\*\*\*

**SUBJECT – SANSKRIT**

**ग्रीष्मावकाशीय गृहकार्यम्**

**कक्षा -8**

प्रश्न - 1. अपना परिचय संस्कृत में लिखो |

प्रश्न - 2. शब्द रूप लिखो - कवि , नदी , साधु , देव, लता , अस्मद् , युस्मद् |

प्रश्न - 3. धातु रूप लिखो - कृ , चर् , पठ् , लिख्, वस् , दश् , पच् ( पाँचों लकारों में )|

प्रश्न - 4. 10 अव्ययों को लिखकर वाक्यों में प्रयोग कीजिये |

प्रश्न - 5. 1 से 50 तक संस्कृत में गिनती लिखकर याद करो |

प्रश्न - 6. क्त्वा और तुमुन् प्रत्यय जोड़कर लिखो –

1- कृ (2) भू (3) पठ् (4) नम् (5) लिख् (6) धाव् (7) खाद् (8) गम् |

प्रश्न - 7. चित्रवर्णनम् -उद्यान तथा खेत का चित्र बनाकर पाँच - पाँच संस्कृत वाक्य लिखो |

.....

**SUBJECT -COMPUTER**

1. Create a website on any one of the following topic-

- **Aatma-Nirbhar Bharat- Vocal for Local**
- **India- My Pride**
- **Digital India**
- **Covid-19 Warriors**

➤ There should be one Main Page(Home Page) on the theme. Use images and other formatting tags to beautify your page. There can be additional 2-3 pages which are to be linked on Home page.

➤ Notepad or any other HTML editor can be used to create website. Online tools like www.w3schools.com can also be used. On phone, apps like “anWriter” can be used.

2. Create a table in MS Access with the following fields-

**AdmissionNo, Name, Father's name, Mother's name, TeleNo, DOB, BusAvailed(Y/N), BusNo.**

Assign appropriate data types to the fields, and enter details of 25 students of the class.