

**SONA MODERN PUBLIC SCHOOL  
HOLIDAYS HOMEWORK (2025-26)  
CLASS VIII**

**Fun “n” Summer**

As the school closes for a long summer break from 19.05.2025 to 30.06.2025 which is the most enviable part of school life. It provides time for rest and leisure. Every child enjoys the holidays in laze around, eat, play visits and to revive the things. But duties must not be forgotten. So balance should be maintained between recreation and work. We have planned some activities and work to enhance his/her learning skill in a fun filled way. We have tried to make the work enjoyable. Help your child to do the work. All the holiday homework should be done as per instruction

- ❖ All the given works will be done in the A-4 size sheet and put in the folder made by you with eco-friendly material.
- ❖ The practice work will be done in the copy.
- ❖ Every work should be decorative.
- ❖ At the end write the activity which you like most and why.
- ❖ Students must ensure that the work should be done efficiently as the work will be marked and marks will be added in the result.
- ❖ All children have to learn and complete the work in the holidays and have to submit on due date on the opening of school.
- ❖ **The school will reopen on 01.07.2025**

**ENGLISH**

- 1) Read Carefully the lesson ‘The Great Unity Festival’ and write 10 Nouns, 10 Verbs, 05 Adjectives and 05 Adverbs.
- 2) Write one new word & frame it in a sentence of your own. Do it daily for 10 days
- 3) Read the chapter ‘Lanterns of Unity’ and find out how different cultures worldwide celebrate light in their unique ways. Research festivals of lights and write a paragraph on your findings. Paste or draw some relevant pictures.
- 4) Prepare a Chart on Homophones & Tenses.
- 5) Write a small write-up on - ‘If I met God’
- 6) Read English Newspapers and listen to English news daily.

**Art Integrated Learning (AIL)**

- 7) Collect information about any 2 writers of Andaman & Nicobar Island. Write and paste picture. (Roll no. 1-25)
- 8) Collect information about any 2 poets of Lakshwadeep. Write and paste picture. (Roll no. 26 onwards)

**हिंदी**

- 1) हिंदी के किन्हीं दो साहित्यकारों का परिचय देते हुए उनकी रचनाओं के नाम लिखिए।
- 2) अनुच्छेद लेखन – लक्ष्य पाने की मेरी योजना और अनुशासन
- 3) प्रेमचंद की कोई एक कहानी पढ़िए और उसका सारांश लिखिए तथा उसके प्रमुख पात्रों के नाम, मुख्य संदेश और कहानी से क्या सीख मिली।
- 4) बस से कभी आपने कोई यात्रा की हो तो उसके अपने खट्टे मीठे अनुभवों को लिखिए।

**AIL**

- 5) आप अंडमान राज्य से है और आपका मित्र आपके अंडमान राज्य के प्रमुख व्यवसाय के बारे में जानने का इच्छुक है उसे व्यवसाय की जानकारी देते हुए पत्र लिखें
- 6) अंडमान राज्य के दो प्रमुख व्यंजनों की चर्चा करते हुए दो मित्रों के बीच संवाद लिखो।

### संस्कृत

- १) भगवद्गीता के कोई २ श्लोक अर्थ सहित लिखकर व याद करके आने है।
- २) संस्कृत में कोई देश भक्ति गीत याद करके व लिखकर लाना है ।
- ३) संस्कृत में स्व परिचय लिखिए या मेरा विद्यालय विषय पर पांच पंक्तियां लिखो ।
- ४) पित (ऋकरानत पुल्लिंग) और मातृ ऋकरानत (स्त्रीलिंग) लिखने व याद करने है।
- ५) अभ्यास प्रश्न पत्र १ कॉपी में करना है ।

### SCIENCE

- 1) Collect photographs of a dam, a loaded truck, a loaded bus with passengers and so on. You may collect as many photographs in which some pressure is Applied. Collect around 10 pictures and show by labelling, the place or direction in which pressure is acting.
- 2) Make a working model of:
  - A) Roll no. 1 to 25 = Kaleidoscope
  - B) Roll no. 21 to 50 = Periscope
- 3) Make a model using visual aids (like balls or dot) to represent particles in solid, liquid and gas states, and show the particles distribution.

### **AIL**

- 4) Make a project on flora found in Andaman and Nicobar and fauna found in Lakshadweep.

### MATHEMATICS

- 1) Give Five example of Distributive properties under addition and associative property under addition of integers in Maths Excellence notebook.
- 2) Write all Activity in your Maths Lab Manual related to Ch 3, activity no 1 to 7.
- 3) Complete maths excellence work of Ex 1.1 Q 6 to Q 15, Ex 6.1 Q5 to Q 11 and Ex 6.2 Q3 to Q8 in Maths Excellence note book.

### **AIL**

- 4) Draw a bar graph on Lakshadweep or Andaman and Nicobar population. **A4 size sheet.**

### **ACTICITIES**

- 5) Draw a tabular form of classification of Quadrilateral with its property in A4 size sheet. (Given in pg no. 152 maths excellence book)

#### **6) Activity-Based Questions**

##### Chapter 1: Rational Numbers

##### Activity 1: Rational Number Line

**Objective:** Understand representation of rational numbers on a number line.

**Materials Needed:** Graph paper, scale, pen/pencil.

##### Instructions:

- a) Draw a number line on graph paper.
- b) Mark and label at least 10 rational numbers including both positive and negative ones (e.g.,  $-3/2$ ,  $0$ ,  $1/3$ ,  $5/4$ ).
- c) Show equivalent rational numbers (e.g.,  $1/2 = 2/4 = 3/6$ )

Paste the activity in **A4 size sheet**

##### Activity 2: Magic with Rational Numbers

**Objective:** Apply operations on rational numbers.

##### Instructions:

- a) Create your own magic square using rational numbers where the sum of each row, column, and diagonal is the same.
- b) Use only positive or negative rational numbers (fractions or integers).

##### Chapter 3: Understanding Quadrilaterals

##### Activity 1: Shape Detective

**Objective:** Identify and classify quadrilaterals.

##### Instructions:

- a) Cut out different quadrilaterals (square, rectangle, rhombus, parallelogram, kite, trapezium) from colored paper.

- b) Paste them in **A4 size sheet**
- c) Label each shape and write at least three properties of each (sides, angles, diagonals).

### **Activity 2: Create a Quadrilateral Puzzle**

**Objective:** Deepen understanding through puzzles.

#### **Instructions:**

- a) Draw a quadrilateral with given measurements (e.g., one angle =  $90^\circ$ , two sides equal).
- b) Cut it into two triangles.
- c) Ask a friend or classmate to reconstruct the quadrilateral and identify its type.

#### **Presentation Tips:**

- a) Use colored pens for headings and diagrams.
- b) Keep your work neat and creative.
- c) Add real-life pictures (e.g., a window = rectangle, kite = rhombus). Integers:

## **7) WORKSHEET**

### **Chapter 1: Rational Numbers – Worksheet**

#### **Section A: Fill in the blanks**

- a) A rational number is a number that can be expressed in the form \_\_\_\_\_, where p and q are integers and  $q \neq 0$ .
- b) The additive identity of rational numbers is \_\_\_\_\_.
- c) The multiplicative identity of rational numbers is \_\_\_\_\_.
- d) Rational numbers are closed under \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_.
- e) The reciprocal of  $\frac{3}{4}$  is \_\_\_\_\_

#### **Section B: True or False**

- a) The sum of two rational numbers is always a rational number.
- b) Rational numbers are not closed under division.
- c) Every integer is a rational number
- d) The product of two negative rational numbers is positive
- e) 0 has a reciprocal.

#### **Section C: Solve**

- a) Mention the commutativity, associative and distributive properties of rational numbers. Also, check  $a \times b = b \times a$  and  $a + b = b + a$  for  $a = \frac{1}{2}$  and  $b = \frac{3}{4}$
- b) If the product of any two rational numbers is 2 and one of them is  $\frac{1}{7}$ , find the other?
- c) Simplify the followings,
 

I. $\frac{7}{12} + \frac{11}{16} + \frac{9}{24}$	III. $\frac{2}{3} + \frac{5}{6} - \frac{1}{9}$
II. $\frac{2}{3} \times \frac{5}{44} \times \frac{33}{35}$	IV. $\frac{12}{27} \times \frac{28}{65} \times \frac{39}{56}$

### **Chapter 3: Understanding Quadrilaterals – Worksheet**

#### **Section A: Multiple Choice Questions**

- 1) The sum of the interior angles of a quadrilateral is:
 

a) $180^\circ$	b) $360^\circ$	c) $90^\circ$	d) $270^\circ$
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- 2) A quadrilateral with one pair of parallel sides is called:
 

a) Parallelogram	b) Trapezium	c) Rhombus	d) Rectangle
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- 3) In a rectangle, opposite angles are:
 

a) Unequal	b) Equal	c) Right angle and acute angle
d) Supplementary		
- 4) The number of diagonals in a quadrilateral is
 

a) 1	b) 2	c) 3	d) 4
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- 5) A rhombus has:
 

a) All angles equal	b) All sides equal	c) All angles $90^\circ$	d) All sides unequal
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#### **Section B: Solve**

- 6) Find the sum of the interior angles of a pentagon.
- 7) How many sides does a polygon have if the sum of its interior angles is  $1080^\circ$ ?
- 8) Find the measure of each interior angle of a regular hexagon.
- 9) Draw a rough figure of a parallelogram and mark its diagonals. Are the diagonals equal?

**NOTE: Do worksheet in maths excellence notebook.**

### **SOCIAL STUDIES**

- 1) Find out information about the custom, lifestyle and economic activities of tribal groups in India according to your Roll no. and write about them-
  - a) Jharkhand (Roll no. 1- 10)
  - b) Madhya Pradesh (Roll no 21-30)
  - c) Nagaland (Roll no. 11-20)
  - d) Manipur (Roll no. 31 onwards)
- 2) List different types of religious practices that you find in your neighborhood. These may be different forms of prayer, worship of different gods, pilgrimages, different kinds of religious music and singing, etc. Do these indicate freedom of religious practice? Write your own views.
- 3) Make a project on governor general of British India according to your roll no-
  - a) Lord Dalhousie (Roll no. 1-10)
  - b) Lord Wellesley (Roll no. 21- 30)
  - c) Warren Hastings (Roll no. 11-20)
  - d) Lord Cornwallis (Roll no. 31 onwards)
- 4) Draw a poster on 'Religious Tolerance'

### **AIL**

- 5) Make Art Integrated Activity on Andaman and Nicobar Island and Lakshadweep Island:
  - a) History of ANDAMAN AND NICOBAR from 1200 A.D-1400 A.D (Roll no 1-10)
  - b) Geographical pattern (Natural vegetation, climate, topography) of ANDAMAN AND NICOBAR (Roll no 11 -20)
  - c) History of LAKSHADWEEP from 1200 A.D -1400 A.D (Roll no 21- 30)
  - d) Geographical pattern (Natural vegetation, climate, topography) of LAKSHADWEEP (31 Onwards)

### **COMPUTER**

- 1) Find out information about Networking and also explain types of networking collect all information and paste in a word document.
- 2) Prepare a PPT on what is Networking Topology? What are the different types of Topologies used in network. Describe it with advantages and disadvantages.
- 3) Collect information about the latest development in the field of wireless communication technologies and paste in a word document.
- 4) Make a Time-table of your class in an Excel worksheet and apply all formatting features, especially using the options of Alignment and font groups.
- 5) List the names of your 5 friends in MS-Excel worksheet and –
  - a) Enter the pocket money they get in a month.
  - b) Enter the money spent by them in the same month.
  - c) Create any one type of chart.
  - d) Calculate the Max and Min expenditure.

### **G. K**

- 1) Write one current affair daily.
- 2) Cut and paste 5 headlines from Hindi or English newspaper of at least of 10 days.
- 3) Art integrated activity – Paste pictures and write about the following according to your Roll no:
  - a) Five tribal communities of Andaman and Nicobar with pictures (Roll no 1-10)
  - b) Flora and fauna of Andaman and Nicobar (Roll no 11-20)
  - c) Famous food of Lakshadweep Island (Roll no 21-30)
  - d) Tourist places of Lakshadweep Island (Roll no 31 onwards)

### **DRAWING**

- 1) Object study: Draw any two still life/object drawing. (Any Medium) (Roll no. 1 – 10)
- 2) Draw any two Imaginative painting based on subject from life and nature. (Water colour) (Roll no. 11 – 20)
- 3) Draw any two beautiful traditional painting. (Any Medium) (Roll no. 21 – 30)
- 4) Make a poster on a Terrorism. (Roll no. 31 onwards)

### **CRAFT**

- 1) Folder making : Use eco-friendly paper to make your folder, make sure you can put your things there. (Roll no. 1 – 15)
- 2) Table lamp : By using waste materials and put a light bulb inside. (Roll no.16 – 30)
- 3) Lippan art : With waste materials and make it productive. (Roll no. 31 onwards)