



# **G.B. Public Sr. Sec. School**



## **Holiday Homework**

**2023-24**

*Summer is a time for fun,  
to jump and play In The Sun!  
swimming sand castle slip and slide,  
bumper car and thrilling rides!  
summer is a time for fun,  
to eat a hot dog or a bun!  
camping and amusement park,  
bright fair work in the dark!  
summer is a time for fun,  
to blow Bubbles and catch each one!  
shall sandals and seashore,  
sprinklers and so much more.*

**Class – VIII**



## हिन्दी

### नवभारती

- पाठ 1, 2 लिखकर याद करो।
- रोजाना 1 पेज सुलेख लिखो।

### हिंदी व्याकरण

पाठ 1, 2, 3, 4 याद करो।

चार्ट पेपर पर एक कविता लिखें।

### संस्कृत सरोवर

1. पाठ 1 'वन्दना' चित्र सहित चार्ट पेपर पर लिखनी व याद करो।
2. संस्कृत भाषा का क्या महत्व है? आपको संस्कृत भाषा कैसी लगती है ? और क्यों ? अपने विचारों को सरल संस्कृत अथवा हिंदी में लिखने का प्रयास करें।
3. एक चार्ट पेपर पर एक से 50 तक संख्या वचक शब्दाः लिखो।

### Maths

1. Simplify the following:

I.  $\frac{5}{9} + \frac{9}{8}$     b).  $\frac{4}{9} + \frac{5}{13}$     c).  $\frac{7}{9} - \frac{32}{40}$     d).  $\frac{6}{9} - \frac{12}{16}$     e).  $\frac{35}{36} - \frac{34}{48}$     f).  $\frac{8}{12} \times (\frac{7}{9} + \frac{11}{13})$     g).  $\frac{7}{49} \div \frac{63}{35}$

2. Find 60 rational number between 0.9 and 1.

3. By what number should  $\frac{-3}{4}$  be multiplied so that product becomes  $\frac{2}{3}$  ?

4. The product of two number is  $\frac{5}{9}$  if one of the number is  $\frac{-8}{21}$  find the other number.

5. What number should be subtract from product the product of  $\frac{2}{7}$  and  $\frac{3}{8}$  to get  $-\frac{3}{7}$  ?

6. A tailor needs to make uniform from 32 students for a piece of cloth. If the length of that piece is  $45\frac{3}{4}$ m and each student requires  $2\frac{1}{8}$ m calculate the length of clothes that would be left.

7. Write the following in usual form.

- $8.08 \times 10^3$
- $-7.2 \times 10^4$

8. The length of one of the smallest along is 0.0004 inches and length of on of the largest is 200 feet. If 1 ft. equal to 12 inches algae find the ratio of the length of largest algae to the smallest algae and express the stage show in scientific notation

9. Find the square of the following numbers. a) 81    b) 19    c) 180

10. Find Pythagorean triple using the number 9.

11. Find the square roots of the following number using any method.

- a). 576    b). 784    c). 400

12. Find a square root of the following decimal numbers correct to two decimal places.

- a) 262.44    b) 326.08    c) 400.80    d) 62.41

13. Find the square root of the following rational numbers.

14. What is the digit at once place in the cube root of the number 5, 71, 787 ?
15. Find a cube of 2.63.
16. Find the cube root of 1, 03, 823 by estimation.
17. Find the cube root of 9261 by Prime factorization method.
18. By which number should 55296 the multiply to make it up a perfect cube?

#### **Activity:**

- a. Bring articles amazing facts Riders crosswords and discoveries in the field of mathematics (minimum two)
- b. Make A3 size sheet of the average production of electricity of each state.

### **Science**

#### **1. Write short notes on the following.**

- |              |                 |            |
|--------------|-----------------|------------|
| a. Cytoplasm | b. Mitochondria | c. Nucleus |
|--------------|-----------------|------------|

2. Make sketches of animal and plant cell on A3 sheets.

3. Why do plant need a cell wall and animals do not.

4. Fill in the blanks.

- a. The \_\_\_\_ is the control centre of the cell.
- b. An \_\_\_\_ is a cell that can be seen without a microscope.
- c. Energy is produced in \_\_\_\_.
- d. Cell wall is found in \_\_\_\_ cell.

#### **5. Match the following.**

- |                |                  |
|----------------|------------------|
| a. Amoeba      | i) WBC           |
| b. Blood       | ii) largest cell |
| c. Ostrich egg | iii) flagella    |
| d. Paramecium  | iv) pseudopodia  |
| e. Bacteria    | v) smallest cell |

#### **6. Define.**

- a. Muscular force
- b. Contact force
- c. Electrostatic force

7. Why should bag is provided with broads straps are not thin straps.

8. Why the tool meant for cutting and piercing always have sharp edges?

9. Define pressure.

10. Define atmospheric and liquid pressure.

11. Explain the increase in liquid pressure by increasing in depth.

12. What is a polymer? Name the natural polymer of which cotton is made.

13. What is Rayon? How is Rayon made.

14. What is synthetic fibre name any two synthetic fibre.

15. Give three advantages of synthetic fibre and natural fibre.

#### **Working model**

- a. Make a short video on History of “Cell” (Roll No-1-10). On daily activities to datamine Force and pressure (Roll no- 11-20).
- b. Advantage and disadvantage of Synthatic fibers (Roll no-21-30)

**Note:- Background Should be clear and should sound Loud and Clean.**

#### **Charts**

Prepare a chart of solar system

Or

A chart in which different kind of synthetic and natural fibres are pasted along with their properties.

### **English**

1. Your parents helped you in many ways make a thank you notice in the shape of greeting card give your card a colorful look keep the following points in mind how value able the help was your feeling of gratitude.

2. Prepare tenses chart according to roll numbers.

- a. Present tense 1 to 15
- b. Past tense 16 to 13
- c. Future tense 31 onwards

4. Write 30 verbs in English with all three forms.
5. Learn the entire covered syllabus up to May.

**7. Make a leaf collage picture.**

**Writing section**

1. Write article on page 192 question number a and b.
2. Write essay on the following topics.
  - a. Physical exercise
  - b. Important of extracurricular activities in school.

**S. St**

1. Make a chart of resources.
2. Write the important date of chapter 2 on A4 size sheet. (History)
3. Learn and write about that you have done in your notebook.

Note- Use separate notebook for holiday homework.