

Name : \_\_\_\_\_

Roll No. \_\_\_\_\_



# ST. FROEBEL SENIOR SECONDARY SCHOOL

## A-3 BLOCK, PASCHIM VIHAR, NEW DELHI-110063

Holidays Homework: 2018-19

CLASS – VIII

### ENGLISH

- 1) Make a brochure on any Indian state.
- 2) Write about William Wordsworth, his life and work. (Roll No 1-10)
- 3) Write about Ruskin Bond, his life and work. (Roll No 11-20)
- 4) Write about Robert Frost, his life and work. (Roll No 21 onwards)
- 5) Read the novel, 'Around the world in eighty days', and write all the answers in a separate notebook.
- 6) Revise the work done in the class.

### SCIENCE

- 1) Prepare a model on the topic 'Disaster management'.
- 2) Prepare a chart on pastel sheet on the following topics roll number wise
  - a. Causes of earthquake Roll No 1-9
  - b. Effect of earthquake Roll No 10-18
  - c. Protective measures for earthquake Roll No 19-27
  - d. Safety measures during lightning Roll No 28-36
  - e. Report on recent earthquake Roll No. 37 onwards

### SOCIAL SCIENCE

- 1) Prepare a project on 'Disaster Management' in a project file.  
Include the following topics
  - a) Introduction
  - b) Definition
  - c) Causes
  - d) Preparedness
  - e) Bibliography
  - f) Acknowledgement

Note : The project should be of 10-12 pages.
- 2) Design a beautiful Poster on the following topics according to your Roll Nos.
  - a) Depletion of ozone layer Roll No. 1 – 11
  - b) Effects of Global Warming Roll No. 12 – 22
  - c) Say 'No' to plastic Roll No. 23 – 33
  - d) Sustainable future - Digital India Roll No. 34 - 44
- 3) Learn all the chapters done in class.

### MATHEMATICS

- 1) Do examples and MCQ's of Ch-6,7 and Ex 2.1, Ex 2.2 in a separate notebook.
- 2) Revise Ch-6, Ch-7, Ex-2.1, Ex-2.2 for test.
- 3) Solve the assignment given in the class.

4) Prepare a beautiful chart or model on the topic given according to your Roll No.

Roll No.	Topic
1 to 9	Quadrilaterals
10 to 18	Squares and Square roots
19 to 27	Mensuration
28 and above	Solid Shapes

- NOTE : 1) Submit the assignment and holiday homework on the first day of reopening of the school.  
2) Marks will be awarded for each Holiday Homework.

### ASSIGNMENT

- Q1. Find the square root of the following numbers using prime factorisation and division method.
- 1) 8281
  - 2) 298116
  - 3) 3136
  - 4) 7744
  - 5) 7056
- Q2. Find a Pythagorean triplet if one member is
- a) 6
  - b) 20
  - c) 7
- Q3. In a right  $\triangle ABC$ ,  $\angle B = 90^\circ$ ,  $AC = 13\text{cm}$ ,  $BC = 5\text{cm}$ . Find AB.
- Q4. Find the least no. that must be subtracted from 5607 so as to get a perfect square . Also find the square root of the number obtained.
- Q5. Find greatest five digit number which is a perfect square.
- Q6. The area of square field is  $52\frac{857}{2116}$   $\text{km}^2$ . Find the length of the side.
- Q7. Find number of digits in the square root of the each of the following numbers
- 1) 4489
  - 2) 390625
  - 3) 27225
- Q8. Find the least square number which is divisible by the number 4, 9 and 10.
- Q9. Which of the following are perfect cubes
- 1) -1728
  - 2) 46656
  - 3) 100
- Q10. Find the cube root of
- 1) -9261
  - 2) 1.331
  - 3)  $8 \times 125$
  - 4)  $\frac{729}{2197}$
  - 5) 15625
- Q11. Three numbers are in the ratio 1 : 2 : 3. The sum of their cubes is 36000. Find the numbers.

- Q12. Find the square root of the following numbers correct to two places of decimal.
- 1) 5
  - 2) 8
  - 3) 20
- Q13. Is 1188 a perfect cube? If not, which is the smallest number by which 1188 must be divided to get a perfect cube.
- Q14. Solve the following equations
- 1)  $\frac{2x}{3} - 2 = \frac{1}{2}$
  - 2)  $\frac{x}{3} + \frac{4}{3} = \frac{3}{2}$
  - 3)  $\frac{2x+5}{5-2x} = -3$
  - 4)  $\frac{6y-4}{y-2} = 4$
  - 5)  $\frac{5x-3}{2} = 4$
- Q15. Three times a number when added to 10 results to 4. Find the number.
- Q16. Sixteen years later usha will be two times as old as she was 16 years ago. How old is she now?
- Q17. The angles of quadrilateral are in the ratio 3:4:5:6. Find the largest angle.
- Q18. The sum of two consecutive multiples of 8 is 200. Find the smallest multiple.
- Q19. The denominator of a rational number is greater than numerator by 8. If the numerator is increased by 17 and denominator decreased by 1. The number obtained is  $\frac{9}{4}$ . Find the rational number.
- Q20. The digits of a two digit number differ by 3. If the digits are interchanged and the new number is added to the original number, we get 165. What is the original number.

### **Art & Craft**

Pg – 40, 41, 43 to 48, 50, 51, 52, 69, 70 to 72, 75, 78, 84, 85, 88, 89 to 91

Draw and colour Portrait of Rabindra Nath Tagore on  $\frac{1}{2}$  cartage sheet.

CRAFT:-

Roll No. 1 to 22 : Make a 3D flower vase with newspaper and cardboard.

Roll No. 23 to 44 : Make a 3D newspaper basket

### **COMPUTER**

On an A3 sheet draw and explain various types of networks:

Local Area network

Roll No. 1 to 11

Metropolitan Area network

Roll No. 12 to 22

Wide Area network

Roll No. 23 to 33

Make a chart on Advantages of Networking (Refer book Pg-7)

Roll No. 34 to 44

### **G.K.**

Paste 2 headlines (with pictures) in a scrap file daily.

## E.E.

Make a poster on 'Save Environment'.

## HINDI

1. मानव जाति प्रकृति और वन्य जीवों पर निर्भर है। इन्हीं वन्य प्राणियों की रक्षा के लिए भारत में लगभग 543 वन्य अभ्यारण्य हैं। इनमें से किसी एक पर परियोजना तैयार करें।
2. वन्य जीव संरक्षण पर एक नारा (slogan) लिखिए। (A4 size sheet)
3. कक्षा-कार्य दोहराएँ।
4. ग्रीष्मावकाश में दिल्ली के आसपास के पक्षी विहार में घूमने जाएँ। और विद्यालय में आने के पश्चात् अपने अनुभव अपने मित्रों को बताएँ।

## SANSKRIT

1. किसी महापुरुष अथवा संस्कृत महाकवि का जीवन परिचय चित्र सहित चार्ट पेपर पर बनाकर सुंदर लेख में संस्कृत भाषा में लिखिए।  
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2. कोई दो श्लोक सुंदर सजाकर लिखिए। (On A3 size coloured sheet)
3. संस्कृत कार्य पत्रिका पूरी कीजिए।