

Name : _____

Roll No. _____



ST. FROEBEL SENIOR SECONDARY SCHOOL

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

Holidays Homework: 2017-18

CLASS – VIII

ENGLISH

- 1) Collect information about Bosnia and make a brochure.
- 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) Prepare a booklet with 10 words along with their meanings

Roll No.

1-5	Alphabet A
6-10	Alphabet B
11-15	Alphabet C
16-20	Alphabet D
21-25	Alphabet E
26-30	Alphabet F
31-35	Alphabet G

- 6) Read the novel, 'Around the world in eighty days', and write a book review.

SCIENCE

1. Make a model to combat with natural disasters.
2. Prepare a chart on pastel sheet on the following topics roll number wise
 - a. Pollution caused by natural disasters. Roll No 1-9
 - b. Effect of green house gases on environment. Roll No 10-18
 - c. Life after earthquake Roll No 19-27
 - d. Life after Tsunami Roll No 28 onwards
3. Prepare a healthy breakfast recipe booklet for students and elderly people of the following countries.
 - a. India Roll No 1-15
 - b. Ukraine Roll No 16 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 – 9 |
| b) Effects of Global Warming | Roll No. 10 – 18 |
| c) Say ‘No’ to plastic | Roll No. 19 – 27 |
| d) Sustainable future - Digital India | Roll No. 28 onwards |
- 3) Collect information on the topic ‘Delhi Ridge’. Write the information and paste relevant pictures.
- | | |
|-------------------------|----------------|
| a) Location in NCR | Roll No. 1-9 |
| b) Flora and fauna | Roll No. 10-18 |
| c) Forest area | Roll No. 19-27 |
| d) Importance for Delhi | Roll No. 28-35 |

Note : Make it on A-4 size sheet.

- 4) 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 $52\frac{857}{2116}$ km². 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) 8×125
 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

Link – <http://youtu.be/jEhW6XFV49K>

Do Pg – 40 to 41, 43 to 48, 50, 51, 69, 70, 72, 75, 78, 84, 85, 88, 89, 90, 91

Draw a sketch of portrait of Rabindranath Tagore on full cartridge sheet.

COMPUTER

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

Roll No. 1 to 8

Local Area network

Roll No. 9 to 16

Metropolitan Area network

Roll No. 17 to 24

Wide Area network

Roll No. 25 to 35

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

G.K.

1. Complete the pages from 5 to 30
2. Paste 2 headlines (with pictures) in a scrap file daily.

E.E.

Make a poster on 'Namami Gange'.

- हिंदी
1. दिल्ली भ्रमण के लिए जाएं। ऐतिहासिक स्मारकों के चित्र खींच कर लाएं और "दिल्ली भ्रमण" इस विषय पर एक कोर्लेज बनाएं
 2. "क्रिकेट - भारतीय खेल जगत का सरताज" इस विषय पर परियोजना तैयार करिए। (स्क्रीन काइल में)
 3. कक्षा-कार्य और गृहकार्य दोहराएं।

<u>Sanskrit -</u>	
1-	दिल्ली महापुरुष का जीवनपरिचय चित्र सहित (संस्कृत में) चार्ट पेपर पर लिखिए।
2-	कार्य पत्रिका पूरा कीजिए।