

**SUNRISEVILLE SCHOOL, NOIDA**  
**SUMMERS HOLIDAY HOMEWORK (2018 – 2019)**

**Class VIII**

**ENGLISH**

- 1- For recitation prepare literature poem `` SHE WALKS IN BEAUTY'' Recite the poem in the class ; That will be of 5 marks.
- 2- Complete workbook page no- 11 to 28 .
- 3- Read poem from main course book ' THE ANCIENT MARINER' Page no-158 and write a summery about it. Write word meaning and make a poster o it on A4 sheet.
- 4- Make a dictionary from daily newspaper containing 150 difficult words with their meanings.
- 5- Write a short article on ' SWATCH BHARAT ABHIYAN'

**HINDI**

- 1 "कर्मप्रधान विस्व रचि राखा" – शीर्षक पर नीचे लिखे विचार बिंदुओं का प्रयोग करते हुए एक अनुच्छेद लिखो  
विचार बिंदु–  
क. कर्म का अर्थ  
ख. सृष्टि या जगत का महत्व  
ग. सृष्टि या जगत में मनुश्य की महत्ता  
घ. फल की कामना किए बिना कर्म करना
- 2 अलिफ लैला की कहानी लालच बुरी बला है और लियो टालस्टाय की कहानी कितनी जमीन पढिए। लालाच बुरी बला है के नायक "बाबा अब्दुल्ला" और कितनी जमीन के नायक दीना के चरित्र की तुलना करते हुए अपने विचार लिखिए।
- 3 आर.के.नारायण के "मालगुडी डेज" की प्रभावशाली कहानियाँ पढिए और जो कहानी आपको सबसे अधिक प्रेरणादायक लगी उसका सारांश लिखिए।
- 4 आपके ग्रीष्मावकाश में देश –विदेश में घटित होने वाली पाँच प्रमुख घटनाओं का उल्लेख करते हुए अपने विचार लिखो।
- 5 उच्चारण स्थान किसे कहते हैं? उच्चारण स्थान की तालिका चित्र सहित (पेज 17 व्याकरण निधि) चार्ट पेपर पर बनाइए।
- 6 पाठ – 1, 2, 3 के शब्द अर्थ, प्रश्न उत्तर, कठिन शब्द याद करे लिखें।
- 7 भाषा, व्याकरण, वर्ण, शब्द, तत्सम और तद्भव की परिभाषा याद करके लिखें।

**MATHEMATICS**

1. Complete all the 7 worksheets attached in a separate copy.
2. In that same copy find out the square root of any 10 natural non perfect square numbers upto 3 decimals.
3. Prepare a two pages project on the allotted topic for the exhibition in A-4 size paper.

**Answer these following questions:**

**1) Represent the following rational numbers on the number line:**

a)  $-\frac{3}{4}$    b)  $\frac{31}{-6}$    c)  $-\frac{1}{2}$    d)  $\frac{3}{4}$

**2) Write the following rational numbers in the standard form:**

a)  $\frac{5}{15}$    b)  $-\frac{24}{40}$    c)  $\frac{33}{-77}$    d)  $-\frac{45}{-105}$

**3) Compare the following rational numbers:**

1)  $-\frac{9}{27}$ ,  $\frac{6}{-18}$    2)  $-\frac{5}{7}$ ,  $\frac{10}{-6}$   
3)  $\frac{3}{-8}$ ,  $-\frac{15}{40}$    4)  $-\frac{11}{7}$ ,  $\frac{33}{21}$

**4) Arrange the following rational numbers in the descending order:**

1)  $\frac{2}{-3}$ ,  $-\frac{4}{9}$ ,  $-\frac{5}{12}$ ,  $\frac{7}{-18}$   
2)  $\frac{3}{-4}$ ,  $-\frac{5}{12}$ ,  $-\frac{7}{16}$ ,  $\frac{9}{-24}$

**5) Arrange the following rational numbers in the ascending order:**

1)  $\frac{2}{5}$ ,  $\frac{1}{3}$ ,  $\frac{3}{4}$ ,  $\frac{1}{6}$    2)  $\frac{5}{6}$ ,  $\frac{7}{8}$ ,  $\frac{11}{12}$ ,  $\frac{3}{10}$

**6) Fill in the blanks by the correct symbol  $>$ ,  $=$  or  $<$  :**

1)  $|\frac{3}{4}|$  -----  $|\frac{1}{2}|$    2)  $|\frac{-1}{2}|$  -----  $|\frac{-3}{4}|$

**7) Add:** 1)  $\frac{3}{7}$  and  $-\frac{9}{7}$ ,   2)  $\frac{5}{9}$  and  $\frac{7}{-9}$

3)  $\frac{2}{5}$ ,  $\frac{5}{-9}$  and  $-\frac{6}{15}$

**8) Simplify:** 1)  $-2 + (\frac{3}{8}) + (-\frac{1}{5})$ , 2)  $(\frac{2}{3}) + (-\frac{7}{11}) + (-\frac{1}{4})$

**ASSIGNMENT****1. Find the value of each of the following**

a.  $13^2$  b.  $5^3$  c.  $2^4$  d.  $11^2$  e.  $(-3)^3$  f.  $(-1)^6$

**2. Simplify**

a.  $3 \times 10^2$  b.  $2^5 \times 5^3$  c.  $0 \times 10^4$  d.  $\left(\frac{3}{4}\right)^3$  e.  $\left(\frac{-2}{3}\right)^4$

**3. Express each of the following in exponential form**

a.  $\left(\frac{-5}{7}\right) \times \left(\frac{-5}{7}\right) \times \left(\frac{-5}{7}\right) \times \left(\frac{-5}{7}\right)$  b.  $-5 \times -5 \times -5$

c.  $x \times x \times x \times x \times a \times a \times b \times b \times b$

d.  $(-2) \times (-2) \times (-2) \times (-2) \times a \times a \times a$

**4. Express each of the following numbers as a product of powers of their prime factors.**

a. 36

b. 675

c. 392

d. 864

e. 450

f. 1800

**5. Using laws of exponents, simplify**

(i)  $3^6 \times 3^5$  (ii)  $(7^2)^3 \div 7^3$  (iii)  $2^{20} \div 2^5$  (iv)  $2^4 \times 5^4$

(v)  $(2^0 + 3^0)(4^0 + 6^0)$  (vi)  $\frac{7^3}{5^3}$

**6. Simplify and express each of the following in exponential form :**

(i)  $\frac{2^{15}}{2^7 \times 2^3}$  (ii)  $(3^5 \times 3^2)^3$  (iii)  $[(2^3)^4 \times 2^8] \div 2^{12}$

(iv)  $\frac{5^4 \times x^{10} y^5}{5^4 \times x^7 y^4}$  (v)  $\left(\frac{2}{3}\right)^5 \times \left(\frac{3}{5}\right)^5$  (vi)  $\frac{9^8 \times (x^2)^5}{(27)^4 \times (x^3)^2}$

(vii)  $\frac{3^2 \times 7^8 \times 13^6}{21^2 \times 91^3}$  (viii)  $\frac{10 \times 5^{n+1} + 25 \times 5^n}{3 \times 5^{n+2} + 10 \times 5^{n+1}}$

**7. Write the numbers in expanded forms :**

a) 20068

(b) 423719

(c) 680071

(d) 5004132

**8. Find the number :**

(a)  $5 \times 10^5 + 4 \times 10^4 + 2 \times 10^3 + 3 \times 10^0$

(b)  $9 \times 10^6 + 8 \times 10^4 + 7 \times 10^2 + 6 \times 10^0$

(c)  $3 \times 10^4 + 4 \times 10^3 + 5 \times 10^0$

**9. Express in the standard form :**

(a) 3,18,65,00,000

(b)  $786.3 \times 10^4$

(c) 5,00,00,000

(b) 42634.7

(d) 4786.3460

**10. Write the numbers in the usual form :**

(a)  $4.83 \times 10^7$

(b)  $3.64 \times 10^5$

(c)  $7.3 \times 10^3$

1. Arrange the following fractions in ascending order  $\frac{3}{8}, \frac{4}{12}, -\frac{7}{16}, -\frac{2}{3}$ .

2. Solve:  $-\frac{3}{7} + [-\frac{5}{21}]$ .

3. Show that  $(-\frac{2}{5} + \frac{4}{9}) + (-\frac{3}{4}) = -\frac{2}{5} + (\frac{4}{9} + -\frac{3}{4})$ .

4. Simplify  $(-8/5 \times 3/4) + (7/8x - 16/25)$ .
5. Find n so that  $(4/5)^3 \times (4/5)^{-6} = (4/5)^{2n-1}$
6. Evaluate  $9.4 \times 15.68$
7. Evaluate  $0.9559 \div 1.21$
8. Eleven books are stacked on top of each other. If each book is 2.35 cm thick, find the height of stack.
9. Represent  $5/11$  and  $-5/11$  on a number line. Are they equidistant from the origin?
10. If  $x=3, y=2$ , then  $(x-y)(x^2+xy+y^2)$  is:
11. Find the least number which must be added to 306452 to make it a perfect square.
12. Find the greatest number of 5 digits which is a perfect square.
13. Simplify
  - a.  $\{6^{-1} + (3/2)^{-1}\}^{-1}$
  - b.  $(81)^{1/2} \div (32)^{2/5}$
  - c.  $(0.000625)^{-1/2}$
  - d.  $(3^2 - 2^2) \times (2/3)^{-3}$
14. Express the following in usual form:
  - a.  $3.52 \times 10^5$
  - b.  $0.0044 \times 10^{-4}$
15. Simplify and express with positive exponent
  - a.  $(3^0 + 4^{-1}) \times 2^2$
  - b.  $(2^{-1} \times 4^{-1}) \div 2^{-2}$
  - c.  $(1/2)^{-2} + (1/3)^{-3} + (1/4)^{-3}$

## SCIENCE

- Q1. Create a microbial museum by collecting information and pictures of different types of microbes, their structure and role in daily life. Assemble them in a scrapbook with pictures.
- Q2. Study the flora and fauna of your neighbourhood and prepare a list of the plant and animal species along with their names and pictures.
- Q3. Prepare a model of plant cell/animal cell.
- Q4. Collect samples of synthetic fibres and paste them in a scrapbook. Give a brief description of how these fibres are prepared and their uses. Also paste the pictures of products made from these fibres.
- Q5. Visit a dispensary near your home. See the immunisation chart and prepare a chart showing the vaccines given for communicable diseases.

## SOCIAL SCIENCE

1. On India map locate territories which we're annexed under Doctrine of Lapse
2. Write about different way of conservation of soil with pictures.
3. With the help of pictures show natural resource converting in valuable product
4. Visit Supreme court and Parliament collect picture and write about it.
5. Complete Geography L2 Q&A with map work in note book.

## SANSKRIT

1. 1 - 100 तक संख्यावाची शब्द संस्कृत में लिखो।
2. (क) धातु रूप लिखो – भू, नम् (पाँचों लकारों में )  
(ख) शब्द रूप लिखो - कवि , पिता
3. पत्र लेखन करो। (पेज -122 प्रश्न 1 ,2 )
4. संस्कृत में चित्र सहित कहानी लेखन करें।

## COMPUTER

### **Topic: Computer Virus and safety**

- A computer virus is a type of malicious software program (“malware”) that when executed, replicates itself by modifying other computer programs and inserting its own code.
  - On a chart paper, give a pictorial demonstration how a virus attacks on computer and destroy, what should be done to prevent computer from being attacked by viruses
  - Best pictorial demonstrations will be displayed in the computer lab.
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## ART

Make a quilling design and create your tie and dye scarf .Make your own jewellery box and jewellery with Silk, quilling, thread or Terracotta.