**THE ROYAL COLLEGE**

**SUMMER HOLIDAY HOMEWORK**

**(2018-2019)**

**CLASS-VI**

**Dear Parents,**

**PLEASE MAKE YOUR WARD COMPLETE THEIR HOLIDAY HOMEWORK IN NEAT AND SYSTEMATIC WAY BECAUSE IT CARRIES 20 MARKS IN EACH SUBJECT FOR ASSESSMENT.**

**MAKE A PRESENTATION IN POWER POINT ON THE TOPIC GIVEN BY YOUR TEACHER WITH IMAGE OR PICTURES IN SIMPLE LANGUAGE OF AT LEAST 8 SLIDES AND AT MOST 12 SLIDES.**

\*Do one good deed everyday and write in a scrap book.

**E** **NGLISH:-** Read newspaper, magazine and any article and find two new words daily, also write their meanings. Two words daily (100 words).

* Draw, cut, paste and colour any one of your favourite bird, animal or insects like butterfly etc and write 10 lines about its beauty and value.

 Read the following chapter from your supplementary reader book. (A Pact with The Sun)

1)Chapter 6(page 20-24)

The Monkey and the Crocodile.

2)Chapter 7(page 25-27)

The Wonder Called Sleep.Write summary of the above chapters and do the relevant exercise and ques/answers in a separate notebook.Write 20 difficult words with meaning from each chapter.

\*Hindi

Read page 1 to 47 from Bal Ram Katha and complete the exercise Q.no-1 to 9 and write 10 difficult words from each chapter .

Frame two questions with answer in 20 to 30 words from each chapter.

Mathematics

Do the following questions in holiday homework notebook.

Q.1-Complete the following table:-

|  |  |  |  |
| --- | --- | --- | --- |
| SOLID  | NO. OF VERTICES | NO. OF FACES | NO. OF EDGES |
| Cuboid |  |  |  |
| Cube |  |  |  |
| Cylinder |  |  |  |
| Cone |  |  |  |

Q.2-The sum of three number is 58,420. If one of them is 32,080 and the other number is 16,492.Find the third number.

Q.3-Which number is 34,013 less than 36,541.

Q.4-Which number is 81, 240 greater than 1,16,231.

Q.5-Make three magic squares of 3x3, 4x4, 5x5.

Q.6-Draw two patterns using numbers and letter.

Q.7-Add:

(a) 3kg 450gm, 6kg 250gm.

(b) 10kg 100gm, 9kg 300gm

Q.8-Subtract:

(a)1kg 200gm from 5kg 900gm

(b)6kg 500gm from 10kg 900gm

Q.9-Calculate:

Find:

(a) ½ of 180

(b)1/3 of 90

Q.10-Give the expanded from of:

(a)2907 (b)1697

Q.11-Draw a rectangle and divide it into half in 4 different ways.

Q.12-Learn and write tables from 1 to 20.

Q.13-The cost price of a book is rupees 630 and the selling price of the book is 725. Find the profit or loss in this transaction.

Q.14-Write five secret messages for your family members in your mathematics notebook and let them try to find out your hidden message.

A-1, B-2, C-3......Z-26

So if you write ''I AM A GOOD STUDENT'' as a secret message.

9 113 1 715154 192021451420

Q.15-Fill in the blanks :-

a)5 even numbers between 63 and 73 are \_\_\_\_\_\_\_

b)83 rounded to nearest 10 is \_\_\_\_\_\_\_

Q.16-If January 3rd is Monday, what day will be on January 10th.

Q.17-Observe mother earth and atmosphere and write at least two example of each geometrical concept given below on A4 sheet .

Point, ray, line segment, cube, cuboid, cone, cylinder, pyramid, prism and triangle.

Q.18-Find the difference between the place value of 9 and 6 in 9163425.

Q.19- Make a chart showing all kind of angles.

Q.20-Write all 3 digit numbers using the digits 2, 3, 5 taking each digit only one.

Q.21-Drawing loops show the following operation on the number line

(+7) + (+5)

…………………………………………………………..

(-7) + (+5)

………………………………………………………….

Q.22-Find the missing number:

a. 3/5 =……?…../20

b. 8/……?…….= 56/49

Q.23-The market price of a table is rupees 625 and selling price is rupees 500.What is the ratio of the sell price to the market price.

Q.24-Raju had rupees 6980 with him. He bought a fan for rupees 1900 and music system for rupees 3080.How much money is left with him.

Q.25-Divide:

a) 5 by -5/7

b) -7/8 by -21/16

Q26- Multiply ( -5/17) X (-51/60)

Q.27-The number 45 is truly awesome, to get 45, you can add 1+2+

3+4+5+6+7+8+9(try it). Find four ways to make a sum of 45 with consecutive numbers.

2 numbers \_\_\_\_\_\_\_\_\_\_\_\_+\_\_\_\_\_\_\_\_\_\_=45

3 numbers\_\_\_\_\_\_\_\_\_\_\_+\_\_\_\_\_\_\_\_\_\_\_+\_\_\_\_\_\_\_=45

4 numbers­­­­\_\_\_\_\_\_+\_\_\_+\_\_\_\_+\_\_\_\_\_=45

5 numbers\_\_\_\_\_+\_\_\_\_+\_\_\_\_\_+\_\_\_\_+\_\_\_\_=45

Q.28-What is the supplementary angle of 30°.

Q.29-Write the numeral for ten crores sixty five lakhs twenty one thousand sixty three.

Q.30-The ages of Sonu and Monu in the ratio 3:5.If Sonu age is 15 years find the age of Monu.

Q.31-A number consist of two digits whose sum is 18. If 8 is added to the number its digits are reversed. Find the number.

Q.32-Write the following in Roman numerals.

 a-49 b-69 c-125 d-500.

Q.33-Write all the factors of each of the following numbers

a-24 b-64.

Q34 Find the H.C.F. of 144,180 and 192 by prime factorization method.

Q35 Which is greater number 24,37,58,923 or 6,47,89,235.

Q36 Fill in the blanks

a-1 lakh=…………ten thousand

b-1 lakh=…………thousand

c-1 lakh=…………ten

d-1 crore=………. ten lakh

Q.37-A student mulitiplied 7236 by 65 instead of multiplying by 56.

How much was his answer greater than the correct answer.

Q 38-Write the number names of each of the following in international system of numeration

 a- 435,002 b-1,047,509 c-59,064,523.

Q.39-Find the difference of the place values of two 8’s in the number 578493087.

Q.40- 50 + 10 ÷ 2 X 8 - 20.

Science

Complete the following question in a separate notebook.

1- What is the importance of food for living organisms?

2-Explain the various source of food items and ingredients.

3-Define herbivores. Give two examples.

4-Define carnivores. Give two examples.

5-Define omnivores. Give two examples.

6-Draw and label the diagram of a part of a plant.

7-With the help of a flow chart show various contributors involved when we eat ghee.

8-Why do we cook food?

9-What are nutrients?

10-Name the major nutrients.

11-What are the functions of carbohydrates and proteins?

12-What are fats ?

13-What are vitamins?

14-Write various kinds of vitamins.

15-What are the function of minerals?

16-Write the function of water in our body?

17-What is obesity?

18-What are deficiency diseases?

19-Write the functions of each nutrients.

20-What is a balanced diet?

\*Social Studies

Complete the following question in a separate notebook.

1-How did the Northern Plains influence the history of India?

2-How does the study of history help us?

3-How do historians find out about our past?

4-What are the inscriptions? How do they help us to study the past?

5-Why do think it is important for historians to verify the information they get in written records?

6-What are the main sources of the history?

7-What is manuscript?

8-What information do we get from the coins?

9-What is history? How does the study of history help us?

10-Name some types of literary sources used by historians.

11- What are celestial bodies?

12-What is constellation? Give an example.

13-Briefly define 'Universe' and 'Galaxy'.

14-What do you understand by solar system?

15-What according to you makes the planet 'The Earth’ unique?

16-What is an asteroid?

17-How is comet different from an asteroid?

18-Define meteorite.

19-Explain different phases of moon with the help of suitable diagram.

20-What are satellites?

21-Which planet in the solar system supports life? How?

22-What are planets? List all the planets to their distance from the sun?

23-How does an artificial satellite differ from the natural satellite?

25-Why the moon cannot support life?

26-Explain the factors that gave India such a variety of differences?

27-How does the progress of a nation depend on unity?

28-Why do we say that India is a land of diversity?

29-How do the influence of foreigners contribute towards the diversity of a country?

30-List four things that make us unique from others.

 Power Point Presentation

Student’s Name Topics

* Abharnya Sharma Green house effect
* Aditi Chauhan Disaster management
* Aditya Chauhan Save H2 O
* Armaan Composition of air
* Akshit Negi Floods
* Aryan Tomar Classification of plants on the basis of

 life Span and habitat

* Cyrus Munshan Classification of plants on the basis of

 life Span and habitat

* Kaushal Beniwal Water cycle steps - 15
* Kushan Kashyap Earthquakes
* Laksh Sharma Save H2 O
* Lavanya Gupta Water pollution
* Mayank Beniwal Composition of air
* Nakul Chauhan Water purification
* Nishant Chauhan 1 Types of nutrients
* Nishant Chauhan2 Properties of N 2, O2 and CO2
* Samridhi Kaurav Disaster management
* Sajal Saini Save H2 O
* Sameer Chaudhary Composition of air
* Sangini Chhetri Earthquakes
* Somya Chauhan Floods
* Shaurya Chauhan Disaster management
* Shreya Chaudhary Green house effect
* Navneet Kumar Water pollution

**Project work:**  Make a project of 10 to 20 pages visit ten neighbors and collect the information about number of members their eating habit, age group, height, weight & general health & make the bar graph for the Height & weight of each family.