



S L S D.A.V PUBLIC SCHOOL, MAUSAM VIHAR, DELHI – 110051

SUMMER HOLIDAY HOMEWORK – CLASS VII

GENERAL INSTRUCTIONS:

- **“Knowledge is Power”**. Encourage your child to cultivate the reading habit.
- **“A healthy mind lives in a healthy body”**. Encourage your child to go out and play because sports instil discipline, generate sporting spirits, channelize energies constructively.
- Communication skills play a pivotal role in grooming the overall personality of the children. Converse with your child preferably in English.
- Sensitize your children about the rich culture and heritage by watching different informative channels like ‘The National Geographic’, Animal Planet etc.
- Holiday homework should be done as per the instructions given on A4 size sheet. (either ruled/plain sheets)
- The child will be assessed for the neat handwriting, presentation and submission of work in time post vacation.
- Homework must be labelled properly indicating very clearly the name, class, roll no. and subject.
- Parents can be facilitator at home but the work should be done independently by the child in his/her own handwriting.

HAVE A FUN FILLED VACATION



ENGLISH

‘We don’t remember days ,we remember moments.’

Enjoy your summer vacation to the utmost. Inculcate few wonderful habits in yourself .

Q1..Be a wonderful reader and enrich your vocabulary by reading the English newspaper daily.

Write 3 difficult words daily from the newspaper (from 20th May to 10th June) .Write them along with their meanings and frame sentences. You may also use pictures and drawing for the same.

ROLL NO. – EVEN ROLL NOS.

Select any 3difficult words daily from the newspaper (from20th May to 10th June) and paste them. Write their antonyms and frame sentences. ROLL NO. – ODD ROLL NOS.

Q 2..Be a wonderful writer !

WATER AND AIR POLLUTION IN DELHI

‘Water and air , the two essential elements on which all life depends ,have become global garbage cans’



Write a dialogue conversation between air and water highlighting their miserable condition. (Include causes, effects and remedies) ROLL NO. -- EVEN ROLL NOS.



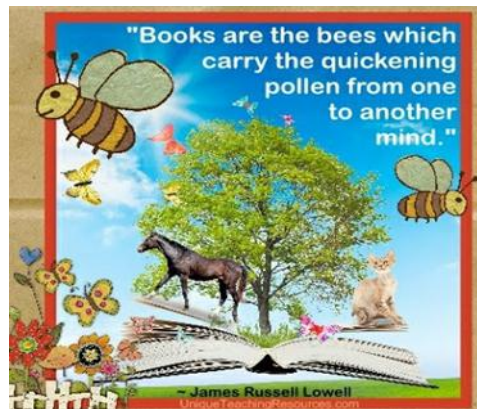
Above is a picture of a great environmentalist . Collect information about her and write a brief character sketch highlighting her work in not more than 120 words . ROLL NO. – ODD ROLL NOS.

Q3..Be a wonderful speaker !

‘Be Impeccable with your word .Speak with integrity .Say only what you mean .Avoid using the word to speak against yourself or to gossip about others .Use the power of your word in the direction of truth and love ’

Prepare a speech on the topic ‘IMPORTANCE OF WORDS ’ in 120 words and write it on A4 size ruled sheet .Be creative and original .

Q4.. Given below are few phrasal verbs . Read them carefully and write 15 more along with their meanings and sentences on A4 size sheet .



Q-5.Above is placard with a beautiful quotation on books. Make a colorful and presentable placard and write a quotation on it. (Check your theme according to your Roll No.)

RollNo. 1-10 Education

11-21 Children

22-30 Nature

31-41 Games

42... .Cleanliness

Also prepare a write up/a poem for the same for class competition. Be originality and creative in your presentation.

HINDI

प्र०१ मूमि को संरक्षित करना हम सभी का कर्तव्य है। अपनी मूमि को हमें स्वच्छ व हरा-भरा बनाए रखना चाहिए इसी को दर्शाते हुए एक सुंदर रंगीन पोस्टर बनाइए।

प्र०२ अभी हाल में हुई नेपाल की भूकम्प त्रासदी बहुत भयानक है जिससे लोगों को बहुत हानि हुई है। इस त्रासदी से बचाव के 5 उपाय लिखें और बताइए इसानियत के नाते आप ऐसे कठिन समय में अपना योगदान किस प्रकार देंगे।

प्र०३ किसी भी एक उत्पादित वस्तु जैसे पेन, चॉकलेट, साड़ी इत्यादि से सम्बन्धित विषय पर रंगीन विज्ञापन बनाइए।

प्र०४ दिए गए वाक्यों में विराम-चिह्नो का प्रयोग करें -

- (1) जब तक मैं हूँ मेरी ये वीरागनाएँ हैं कालिग के भीतर कोई पैर नहीं रख सकता
- (2) समुद्र नहीं झरना है पर पानी के लिए मतकना है
- (3) अरे इतनी सी जमीन क्या थोड़ी है
- (4) दुर्घेधन रण ऐसा होगा फिर कभी नहीं जैसा होगा
- (5) पद्मा क्यों सिर झुका लिया
- (6) अमरकंटक में दो प्रपात हैं कपिलधारा और दूधधारा
- (7) मोहन जरा इधर तो आना
- (8) अरे कौन राहुल इतने दिनों बाद
- (9) मित्रों तुम कहा जा रहे हो
- (10) माँ बोली अभी तुम पढ़ाई करो

MATHEMATICS

I. ACTIVITY WITH DECIMALS

Use two numbers from the given box to make the statement true.

1.

32 , 1.66,320

$$\underline{\hspace{2cm}} \div 0.01 = \underline{\hspace{2cm}} \times 10$$

2.

4.9 , 0.007 ,0.35

$$\underline{\hspace{2cm}} \div 0.07 = \underline{\hspace{2cm}} \div 0.005$$

3.

0.375 , 5 , 0.75

$$\underline{\hspace{2cm}} \div 0.125 = \underline{\hspace{2cm}} \div 0.25$$

II. QUIZ TIME

1. When did the first printed book on mathematics appear?
2. Which Indian lady is popularly known as “human computer”?
3. Which number is considered as unlucky or inauspicious in Christian religion?
4. Name the Mathematician who claimed that goddess used to come in his dreams to solve mathematical problems.
5. “God created all things in six days , because this number is perfect” . Who said these words?
6. Who was the first to define a prime number?
7. Was there any symbol for Zero in the ancient Chinese system? If no, then how did they represent the number zero?
8. There are 30 small railway stations on a railway line. How many different tickets should be available at all the stations so that every station in both directions can be reached ?

III Finding Age of Animals

Do You Know, How many Years Do the following animals live on an average / If not, solve the expressions given besides the animal to get the Average life expectancy of the corresponding animal!

Animal	Expression	Life Expectancy (In years)
Goat, chicken	$12 \quad 5$ $4 - X 1 -$ $13 \quad 8$	
Mouse	$5 \quad 1 \quad 27$ $- \div - \times -$ $9 \quad 8 \quad 40$	
Domestic Dog	$2 \quad 1 \quad 3$ $14 - \div 1 - + -$ $3 \quad 6 \quad 7$	
Giraffe, Pig	$1 \quad 3 \quad 1$ $- [- \div - \times 5]$ $3 \quad 4 \quad 8$	

IV. **Maths practical work** - To represent decimal numbers 0.25, 0.5, 0.65 and 0.35 etc. on 10X10 grid by shading. (Do it in Maths Activity notebook)

V. Revise and practice Brain Teasers of these chapters coming in credit -1 (Dated- 7/7/15)

(i) Rational Numbers as Decimals

(ii) Data Handling

VI. **Practice Worksheet**

Choose the correct option and circle-

1) The value of expression $(-10-10) \div \{-10-(-10-10)\}$ is

- a) 10 b) -10 c) 0 d) -2

2) Which of the following has the greatest quotient?

- a) $-20 \div -5$ b) $-20 \div 5$ c) $20 \div -4$ d) $20 \div 4$

3) $(-1) \times (-2) \times (-3) \times (-4) \times (-5) \times (-6)$ is

- a) -120 b) -720 c) 120 d) 720

4) Start with the integer -8. Add -12 to it, subtract 10 from the result. Divide the result by 3 and multiply the result by -2. What do you get?

- a) 20 b) 8 c) -8 d) 10

5) If $a/9 \times 9/20 \times 4/9 = 1/9$, the value of a is

- a) 45 b) 5/18 c) 5 d) 46/9

6) The product of 3 integers is -600. If two of them are -15 and 10, then the third integer is

- a) -40 b) 40 c) 4 d) -9

7) If $1/3$ of a man's property is Rs.2 lakh, then the value of $2/5$ of his property is

a) Rs.200000 b) Rs.240000 c) Rs. 220000 d) Rs. 250000

8) $\frac{1}{9}$ of $\frac{1}{6}$ of $\frac{1}{3}$ of 56052 =

a) 356 b) 336 c) 376 d) 346

9) How many seconds are there in $\frac{2}{3}$ of 2 hours?

10) One autumn morning the temperature went up from -4°C to 5°C .

a) By how many degrees did the temperature rise?

b) During the afternoon the temperature then fell by 7°C from 5°C . What was the temperature at end of the afternoon?

11) Compute by suitable grouping

a) $(-50) \times 18 \times 4 \times (-2)$

b) $758 + 200 + 142 + (-100)$

12) A total of Rs 2520 was shown in Talwinder's account on Monday. He withdraw Rs 750 on Tuesday and deposited Rs 500 on Wednesday. What would be the balance on Thursday?

13) Five students stand in a row such that the distance between two successive students is $1\frac{1}{4}$ m. Find the total distance between the first and the last student.

14) Reena climbs 5 stairs every second and then climbs down 2 stairs over the next second. How many seconds will she take to climb 60 stairs.

15) The product of a fraction and the difference of 356 and 213 is 1. Find the fraction.

16) Every floor of a 20 storey building is 5 meter high. If a lift moves 2 meter every second. How long will it take to move from 3rd floor to 15th floor?

17) $\frac{1}{4}$ liter of milk cost Rs.4. How much would $6\frac{1}{2}$ ltr of milk cost?

18) A boy flung a pebble 15 mtr high in the air which fell and settled at the bottom of a pond 10 meter deep. By how much distance did the pebble fall.

19) Which expression has greater value?

a) $17 \div \frac{1}{30}$ or $30 \div \frac{1}{17}$

b) $\frac{1}{10} \div \frac{1}{2}$ or $\frac{1}{2} \div \frac{1}{10}$

20) A book cost Rs.96 and Mahesh bought 60 such books. By mistake the accountant at the store makes the bill by taking the cost of each book to be Rs.5 less. What is the difference in this bill from what it would have been in reality?

21) Out of -7, -5, -3, 1, 4, 7. Find a pair of integers whose sum is

a) -2 b) 2 c) 0

22) There are 120 seats in the balcony of a theatre. If this is $\frac{1}{5}$ of the total seats, what is the total number of seats in the theatre?

23) Which of the integer -10, 7, 3, -2 is closest to zero on the number line?

24) A tree is standing by the side of a building. $\frac{2}{5}$ of the height of the tree is above the building. The building is 9 mtr high. What is the height of the tree?

25) The temperature of a place is -37°C . If it increases by 25°C due to fire in the jungle.

Then what will be the final temperature of the place?

SCIENCE & TECHNOLOGY

1. The 68th UN General Assembly declared 2015 the ‘International Year of Soils’.

The IYS 2015 aims to increase the awareness and understanding of soil for food security and essential ecosystem function.

Its main specific objectives include –

- To raise full awareness among civil society and decision makers about the profound importance of soil for human life.
- To educate the public about the crucial role soil plays in food security, climate change, adaptation and mitigation, essential ecosystem services, poverty alleviation and sustainable development.

Prepare a report on IYS 2015 on the basis of the following guidelines on A4 size sheet.

- ✓ Create your own logo for IYS
- ✓ Collect at least 10 interesting facts about soil
- ✓ Create a picture depicting the profound importance of soil for human life
- ✓ On a political map of India, mark two states each of the major soil types found in India and mention the preferable crops grown from each type of soil.
- ✓ Using the following given key words, prepare a write up on -‘KNOW SOIL, KNOW LIFE’.

Soil sustain life, health, support agriculture, protect the natural environment, clean and capture water, support infrastructure, recreation, connect culture and people

2. Attempt and paste the worksheets given in the science notebook.
3. Revise the syllabus of Credit 1 – Chapters- ‘Nutrition in living organisms – Plants’ & ‘Water’

CHAPTER - NUTRITION IN LIVING ORGANISMS – PLANTS

Q1. List the elements needed for photosynthesis and briefly write down the importance of each element in the table below:

ELEMENT	ROLE IN PHOTOSYNTHESIS

Q2. In the following table, identify the mode of nutrition and provide an explanation for each of the following:

PLANTS/FUNGI	MODE OF NUTRITION AND EXPLANATION

Q3. Imagine an island with only green plants and no animals. What will happen to the level of carbon dioxide in the atmosphere in 24 hours? Explain briefly.

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Q4. Humans can also prepare food in the kitchen. Does that make them autotrophs? Give reasons.

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Q5. Why don't plants need a digestive system?

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CHAPTER - WATER

Q1. Fill in the blanks with correct words

[mountainous and hilly regions] [contamination] [potable]

[condensation] [water conservation]

1. Groundwater is
2. of north and west do not allow adequate seepage.
3. of water vapours is a part of the hydrological cycle.
4. Groundwater is generally free from
5. Wise and efficient use of water is a part of

Q2. Ram is unhappy because his well has dried up. Now he is unable to meet the water requirement for irrigation and domestic use, which was very well taken care of in the past. Can you explain to him the reason why his well has dried up.

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Q3. The maximum annual rainfall in India is recorded in Cherrapunji, yet it faces shortage of water. Why?

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Q4. Nearly three-fourth of the earth's surface is covered with water; still we face shortage of water. Explain

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Q5. Why should we not throw chemicals like paints, medicines, engine oil etc. in the drains?

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Q6. Differentiate between water conservation and water harvesting.

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SOCIAL SCIENCE

Q1 TOPIC: WILD LIFE MANAGEMENT

- Prepare a project file with the following details.

India has a variety of wild life. In the recent year the demand for the conservation of wildlife has been increasing consistently.

- What is the Importance of biodiversity?
- Give reasons for the destruction of Wildlife?
- List the measures taken by the government to protect wildlife?
- Mention the laws enacted by the government to protect Wildlife?

Specific details

- Collect information on National Parks , Wildlife sanctuaries and Biosphere reserves in India (Two each).
- The project must contain pictures and articles related to the same.

Summary

- Your suggestions on how we bring awareness among the students.
- How are National parks , wildlife Sanctuaries and National parks are different from each other?
- Why is it important to protect animals?

Q2 Volcanoes – A natural disaster

Volcanoes are formed when magma from within the Earth's upper mantle works its way to the surface. Volcanoes are categorized into three main types : ACTIVE , DORMANT and EXTINT Volcanoes.

- On the basis of above information collect information about any six volcanoes , the year of their eruption and the places . What percentage of Volcanoes are active and what percentage are dormant in the pacific ring of fire.
- A volcano erupted recently named HEKLA (ICELAND) dated 14th April 2015. Write details about this Volcanoe.

FRENCH

1. LISEZ LECON 6 ET LECON 7. TROUVEZ LES MOTS DIFFICILES ET ECRIVEZ – LES DANS VOTRE CAHIER DE FRANCAIS AVEC LEURS SENS. (READ LESSON 6 AND 7. FIND OUT THE DIFFICULT WORDS AND WRITE THEM IN YOUR FRENCH NOTEBOOK WITH THEIR MEANINGS.)
2. CHOISISSEZ 10 PREPOSITIONS ET FAITES DEUX PHRASES POUR CHAQUE PREPOSITION DANS VOTRE CAHIER DE FRANCAIS. (CHOOSE ANY 10 PREPOSITIONS AND MAKE 2 SENTENCES USING EACH PREPOSITION IN YOUR FRENCH NOTEBOOK)

SANSKRIT

प्र-1) निम्नलिखित प्रश्नों के उचित उत्तर चुनिए -

- (i) 'लता' शब्द का क्या लिंग है?
क) पुल्लिंग ख) स्त्रीलिंग ग) नपुंसकलिंग
- (ii) 'गुरु' शब्द का क्या लिंग है?
क) पुल्लिंग ख) स्त्रीलिंग ग) नपुंसकलिंग
- (iii) 'बालक' शब्द का क्या लिंग है?
क) पुल्लिंग ख) स्त्रीलिंग ग) नपुंसकलिंग
- (iv) 'पशुपति' शब्द में व्यातु कौन सी है?
क) कुश्ल ख) गम ग) खाद
- (v) 'केशिपति' शब्द में मूल व्यातु है -
क) इस ख) चल ग) कुश्ल
- (vi) संस्कृत भाषा में 'गाय' को बोलते हैं -
क) शशकः ख) व्यैनुः ग) वानरः
- (vii) 'नेत्र' को संस्कृत भाषा में कहते हैं -
क) नेत्रम् ख) कपोलः ग) केशः घ) अङ्गुली
- (viii) 'रघः' शब्द की हिन्दी क्या है?
क) ये दो ख) यह ग) हम घ) हम सब
- (ix) 'कच्छपः' को हिन्दी भाषा में कहते हैं -
क) केकड़ा ख) कछुआ ग) मगरमच्छ
- (x) 'सिंहः' शब्द को हिन्दी में कहते हैं -
क) मौर ख) शेर ग) घूहा घ)
- (xi) निम्नलिखित में से कौन सी व्यातु नहीं है?
क) पद् ख) हस्त ग) लिख घ) अहम्
- (xii) 'राजा' शब्द को संस्कृत भाषा में कहते हैं -
क) रानी ख) नृपः ग) मल्लकः घ) चन्द्रः

DHARAM SHIKSHA

1. अपने अनुक्रमांक के अनुसार निम्नलिखित विषयों से संबंधित चार्ट बनाएँ तथा इसके विषय में शीट (sheet) में लिखें —

क्रमांक	-	विषय
1 - 15	-	धर्म के लक्षण
16 - 30	-	योग एवं उसके अंग
31 - 45	-	पाँचों धर्मों से संबंधित चार्ट निर्माण
45 से अधिक	-	योग के पाँचों नियम

2. पूर्वपठित पाठों के प्रश्नोत्तर याद करें।