

# DAV PUBLIC SCHOOL

SRESHTHA VIHAR, DELHI

## HOLIDAYS HOMEWORK

### CLASS-VII

#### ENGLISH

1. Write at least 10 pages of handwriting neatly keeping in mind the correct formation of the alphabets.
2. Read the newspaper and write at least 5 questions for the quiz from each subject (on loose A4 sheets) (Science, Sports, Awards, Social issues, etc.)
3. Prepare a dictionary consisting 20 difficult words with their meaning from your English Literature book. Follow the given format: (In Grammar Notebook)

WORD -----→ MEANING -----→PART OF SPEECH -----→

SYNONYM AND ANTONYM -----→ SENTENCE

4. Read the Lessons for Term I exam and prepare 10 MCQs from each lesson.  
(In Literature Notebook)

5. The following passage has not been edited. There is an error in each line against which a blank is given. Write the incorrect word and the correction in the space provided.

Remember to underline the word that you have supplied. (Grammar Notebook)

Incorrect Correct

Once there is a king who (a) \_\_\_\_\_

thought very much for himself. (b) \_\_\_\_\_

He talked of her own charms (c) \_\_\_\_\_

and about his greatness as the ruler. (d) \_\_\_\_\_

He wanted a people around him to (e) \_\_\_\_\_

believe him and talk of his great. (f) \_\_\_\_\_

6. Rearrange the given words and phrases to form meaningful sentences. Write the Correct sentences.

1. with/polite/a person/can be/no one/angry
2. a polite man/puts/of others/first/always/the feeling
3. pure/drink/should/we/only/water
4. water/health/polluted/is/to/harmful/very
5. purify/are/ways/there/different/it/to
6. was/ performance/ impressed/ with/ quite/ his/ I
7. the/ please/ not/ do/ on/ grass/ step
8. every/ delicious/ father/ cooks/ evening/ pasta
9. brother/ an/ wants/ be/ my/ astronaut/ to
10. everything/ will/ sense/ make/ perfect/ someday
11. at/ top/ voice,/ the/ man/ his/ of /demanded /the /admission/ shouting
12. you/ where/ have/ this/ all/ while/ been/?

## MATHS

- Q1. A wire is  $\frac{7}{10}$  m long. It is divided into 2 equal parts. What is the length of each part?
- Q2. Find the value of  $\frac{3}{8} \times 11\frac{1}{2} \div \frac{15}{16}$
- Q3. simplify  $4\left(\frac{4}{7} \div \frac{3}{7}\right) \times \frac{1}{6}$
- Q4. Find the area of square whose each side is  $\frac{7}{5}$  cm.
- Q5. Find the value of  $\frac{4}{15} \times \left\{\frac{1}{4} + \frac{5}{6}\right\}$
- Q6. Find 3 rational numbers between  $-\frac{1}{5}$  and  $-\frac{1}{5}$
- Q7. Find the difference between  $\frac{3}{5}$  of 30 km and  $\frac{2}{3}$  of 30 km.
- Q8. A melon weights  $1\frac{3}{4}$  kg Workout the total weight of  $8\frac{1}{4}$  melons.
- Q9. Simplify  $2\frac{1}{4} \times \frac{3}{14} \div \frac{12}{7}$
- Q10. Simplify  $\frac{5}{7} - \frac{2}{3} + \frac{3}{14} - \frac{5}{7}$
- Q11. Divide the difference of  $\frac{14}{5}$ ,  $-\frac{14}{20}$  by their product.
- Q12. A carpenter cuts off from a plank  $\frac{5}{12}$  of its length and then  $\frac{6}{7}$  of what remains. If the remaining piece is  $\frac{5}{2}$  m long, find the original length of the plank.
- Q13. The length and breadth of a rectangular garden are 6 m and 4 respectively. Find its area.

**Tick the correct option.**

Q14 The identity element of addition of Rational numbers is

(a) 0 (b) 1 (c) -1 (d) number itself

Q15 The identity element of subtraction is

(a) 0 (b) not defined (c) 1 (d) -1

Q16 Every rational number has an absolute value

(a) Equal to 0 (b) greater than 0 (c) greater than or equal to 0 (d) lesser than 0

Q17 On a number line the length of line segment joining 3 and -3 is

(a) 0 unit (b) 6 units (c) -6 unit (d) 3 units

Q18 Between any two rational numbers we can find

(a) Only one rational number (b) infinite rational numbers (c) none of the above

Q19 Prepare a Bar Graph based on the survey conducted among twenty persons in your locality on the topic which news channel is preferred by them. Do this work in scrap file.

Q20 Prepare a working model on any topic of Mathematics or Maths game individually or in group.

Q21 Prepare 5 general knowledge questions of mathematics and write in loose sheet.

Q22 Write meanings of difficult words/terms of all the chapters of 1st term in their classwork register.

**- Do assignment in loose sheets**

## SCIENCE

It is undeniable that in this era of technology, when things related to academics and interest are available at the click of button, learning has become fast and easy for you. In order to tap your knowledge, following task has been assigned to you. Shortlisted projects will be showcased in the science exhibition to be held in school.

### Task 1

Make a working model or prototype on any of the topic related to science. Few suggestions have been enlisted here. (Effects of forces, energy transformation, types of motion around us, static electricity, reflection and use of spherical mirrors, water

conservation through innovative techniques, and magnetic effects of current, heating effects of current).

**Physics and Chemistry topics are to be taken by roll no 1 to 34.**

**For roll nos-35 onwards**

*Health and Nutrition Biodiversity*

*Myths and misconceptions Microbial world*

**Guidelines** –a) the model should be innovative, cost effective and material used should be preferably recyclable. The topics mentioned above are few suggested ones but as a creative thinker you can imagine explore other topics as well. You should be able to explain its working principle and applications Work in a group of four students each.

**Task 2**

Make 30 multiple choice questions related to science and technology for quiz.

Incorporate current affairs also. Use A4 size sheets.

**Task 3**

Interdisciplinary project - Use web resources or print media to find out any article/s explaining how climatic change is affecting life of animals and plants. Paste the article/s on A4 size pink sheet.

## CHEMISTRY AND PHYSICS

A. Read the following chapters - Chemical Substances and Processes and Weather, Climate and Adaptations Underline the difficult words and write their meaning in the book itself.

Also make 5 multiple choice questions from each chapter.

(to be done in classwork notebook)

B. Assignment (To be done in classwork notebook)

Chapters - Fabric from fiber and Motion and time

Q1 A truck travels 540 km in 4.5 hours. Calculate the speed of the truck.

Q2 Romil took a train from station A. The distance between two stations A and B is 2000 km. How much time will the train take to reach station B, if the train moves with the average speed of 15 km per hour?

Q3 A pendulum oscillates 48 times in 24 seconds. Find the time period of the pendulum.

Q4 Draw a pendulum and mark the mean and extreme positions of the pendulum.

Q5 Plot a distance time graph according to the data given and write the type of motion exhibited

Distance in km	0	2	4	6	8
Time in min	0	3	6	9	12

Q6 Name the following:

a) Two wool giving animals b) Bacterium which causes sorter's disease. c) Process of taking out silk (threads from cocoon)

Q7 What is the role of clothes in our daily life?

Q8 Classify fibres on the basis of their sources.

Q9 What type of clothes are preferred in summers? Give reason.

Q10 Complete the sentence. Long threads of wool are used to make materials like-----.

## BIOLOGY

Read the chapter- Nutrition in living organisms –Plants

- Prepare a dictionary of minimum 10 words including the scientific terms and difficult words from the chapter. The dictionary has to be prepared in biology class work note book.
- Prepare 5 MCQ's from the chapter in your class work note book.

### **Biology Assignment Chapter 1- Nutrition in plants.**

Answer the following questions in the homework notebook-

Question 1: Potato and Ginger are both underground parts that store food. Where is the food prepared in these plants?

Question 2: Nitrogen is an essential nutrient for plant growth. But farmers who cultivate pulse crops like green gram, Bengal gram, black gram etc. do not apply nitrogenous fertilizers during cultivation. Why?

Question 3: Wheat dough if left in open, after a few days, starts to emit a foul smell and becomes unfit for use. Give reason.

Question 4: Some plants have leaves that are not green in colour. Do such plants perform photosynthesis? Explain.

Question 5: Upper and lower surface of some leaves in a potted plant are covered with Vaseline. It is observed that these leaves become yellow and fall off after some days. Why does this happen? Justify your answer giving reasons.

Question 6: Wild animals like tiger, lion and leopard do not eat plants. Does this mean that they can survive without plants? Can you provide a suitable explanation?

## **SOCIAL SCIENCE**

### **I Dictionary work**

1. Prepare a dictionary of difficult words from the chapters mentioned below:

- Ch-18 Democracy and equality
- Ch-19 Our state Government
- Ch-22 Unpacking Gender
- Ch-23 Market around us

Note: The dictionary has to be prepared in the form of hand book (Pocket dictionary)

### **II Interdisciplinary project**

Chapter-Media -The mainstay of Democracy

We live in fast changing times. Various developments in the field of communication technology, since the end of twentieth century, have left a deep impact on us. The latest technologies help media to reach out to the masses. Prepare a cover page for your civics note book on the topic:

*Changes in Media over the last century.*

*OR*

*Three examples of traditional and new Media.*

### **III Multiple choice questions**

Prepare objective types questions for the chapters mentioned below:

#### **Geography:**

Ch.-The Earth and the changes on It

Ch.-Air around Us.

#### **History:**

Ch.-The rise of small Kingdoms in North India

Ch.-Turkish Invasions in North India

**Civics:**

Ch.-Democracy and equality

Ch.-Market around Us

Note: Questions can be made in the form of MCQ,One word,Fill in the blanks, Match the following etc.

**IV GENERAL KNOWLEDGE**

Prepare at least five questions of general knowledge and five questions of current affairs related to the subject matter of social science.

Note: These questions will be done on loose sheets.

## नैतिक शिक्षा

प्रार्थना,उपासना के आठ मंत्रों को अपनी स्कूल डायरी से देखकर एक चार्ट पेपर पर सुंदरता से सजावट के साथ लिखें।

## हिंदी

1. पाठ- 4.6.7 से दस-दस कठिन शब्द छाँटकर अर्थ लिखिए।
2. पाठ- 4,6,7 से पाँच-पाँच बहुविकल्पीय प्रश्न बनाकर कक्षा कार्य कॉपी में लिखिए।
3. दस पेज सुलेख लिखिए।
4. 'रविंद्रनाथ टैगोर की कहानी- 'काबुलीवाला' व 'भिखारिन' कहानी पढ़िए और निम्नलिखित बिंदुओं पर अपने विचार व्यक्त कीजिए।
  - कथावस्तु
  - कहानी के मुख्य पात्रों का चरित्र-चित्रण
  - कहानी का संदेश
5. सामाजिक जागरूकता फैलाने एवं पर्यावरण संरक्षण हेतु मीडिया के योगदान पर अपने विचार 200-250 शब्दों में लिखिए।।

नोट-प्रश्न 1 से 4 तक कार्य कक्षाकार्य कॉपी में करें तथा प्रश्न 5 स्कैप फाइल में करके जुलाई के प्रथम सप्ताह में जमा करें।

संस्कृत  
१. पाठ १ और २ याद करें। पाठ १ और २ से दस-दस कठिन शब्द छाँटकर हिंदी में उनके अर्थ लिखें।

२. बालक, देव, रमा, लता, फल( किम, तत् शब्द रूप तीनों लिंगों में) सुंदर अक्षरों में कॉपी में लिखें और याद करें।

३. विकास के लिए मीडिया के द्वारा अपनाए जाने वाले उपकरणों के चित्र बनाकर स्क्रेप फ़ाइल में संस्कृत में उनके नाम लिखिए।

४. पाठ १ और २ से बहुविकल्पीय ( वस्तुनिष्ठ) दस प्रश्न बनाकर कॉपी में लिखें।

६. संस्कृत में सामान्य ज्ञान से सम्बन्धित पाँच प्रश्न बनाकर लूज़ शीट पर लिखें।

## FRENCH

Make a French pictorial dictionary of 30 words (nouns, adjectives, prepositions, verbs) in French notebook.

## COMPUTER SCIENCE

1. Explore Internet for the links given in Chapters 1-3 of Hands On to see the videos and complete the activities given on the following pages in the book itself.

Chapter-1 Page No-2(q.1), 4,10

Chapter-2 Page No-26

Chapter-3 Page No-27,28,29,30

2. Practice the activities given on Page no. 25,43 at home.

3. Make any one of the following charts on A3 size of sheet

- Impact of computer games on our life.
- Green technology and its benefits.
- 7 'R's of green technology.