



# M.K. D.A.V. PUBLIC SCHOOL

CHIANKI, DALTONGANJ

## SUMMER HOLIDAY HOMEWORK



CLASS VII

SUBJECT : SCIENCE



### 1. Define these :

- a. Element
- b. Compound
- c. Nutrition
- d. Mixture
- e. Symbiotic Relationship

### 2. Differentiate between :

- a. Autotrophs and Heterotrophs
- b. Conduction and Convection

### 3. Write the symbols :

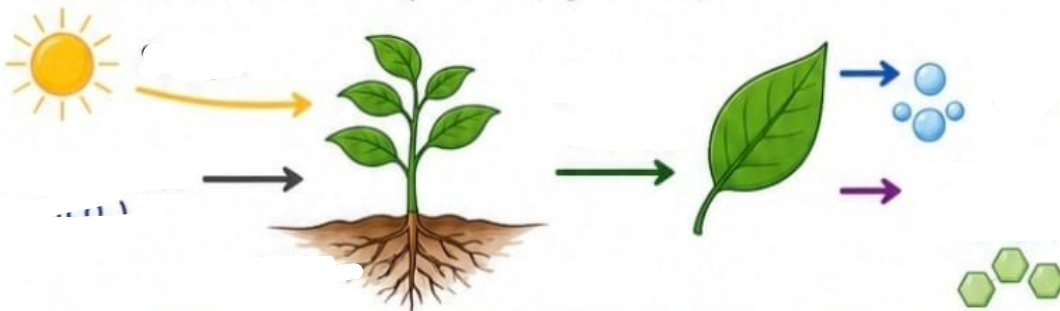
- a. Write the symbol of elements (From Pg. No. 32, 33).
- b. Write the symbol of ions (From Pg. No. 34, 35).

### 4. Write the formula of the given compounds.

- a. Quicklime
- b. Magnesium Acetate
- c. Potassium Chloride
- d. Sodium Oxide
- e. Calcium Carbonate

### 5. Draw and label the process of "Photosynthesis".

Also write its chemical equation. (Pg. No. 03)



Do your homework neatly and on time.  
Wishing you a happy and healthy summer break!



M K DAV PUBLIC SCHOOL  
Class - VII  
Subject - Social Science  
Holiday Home-Work

1

What is Environment?  
What are the main components of Environment?



2

The government has launched a number of poverty alleviation programmes and income generating programmes, But poverty continues. Give reasons (Any Five)



7

Collect pictures of various features formed by various agents of gradation and weathering. Paste these pictures in your copy.



SOCIAL SCIENCE



3

List the factors that create inequalities and hampers the success of democracy.



6

On an outline map of the world, show the given National Parks:-

- a) Gir National Park - India
- b) Jim Corbett National Park - USA
- c) Yellowstone National Park - Tanzania
- d) Serengeti National Park - New Zealand
- e) Fiordland National Park - New Zealand



5

What is democracy?  
How can students promote equality in school?



4

What is the Medieval Period of India? Why is the medieval period important?





# M.K. D.A.V. PUBLIC SCHOOL

## CHIANKI DALTONGANJ

### SUMMER HOLIDAY HOMEWORK

CLASS VII

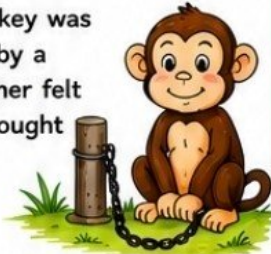


SUBJECT: ENGLISH

#### 1. STORY REFLECTION ACTIVITY

(Based on the chapter: Monkey Trouble – Ruskin Bond)

In the story, TUTU the monkey was first seen tied with a chain by a street entertainer. Grandfather felt sorry for the monkey and bought him for ten rupees.



- ★ Write a paragraph in 50–80 words. Include the answers to these questions in that paragraph.
  - How do you feel when you see animals tied with chains or kept in cages?
  - Have you ever visited a zoo?
  - Should animals live freely in nature?
  - How can humans take care of animals kindly?

Decorate your answer with small drawings, borders, or animal sketches.

#### 2. PICTORIAL DEPICTION ACTIVITY

(Based on the poem: Birdie, Will You Pet?)



★ HINT:  
Draw these pictures in your notebook in a similar kind of box and write what happened in these.  
Use colours, speech bubbles and creative captions.

#### 3. READING ACTIVITY

(The Happy Prince – Oscar Wilde)



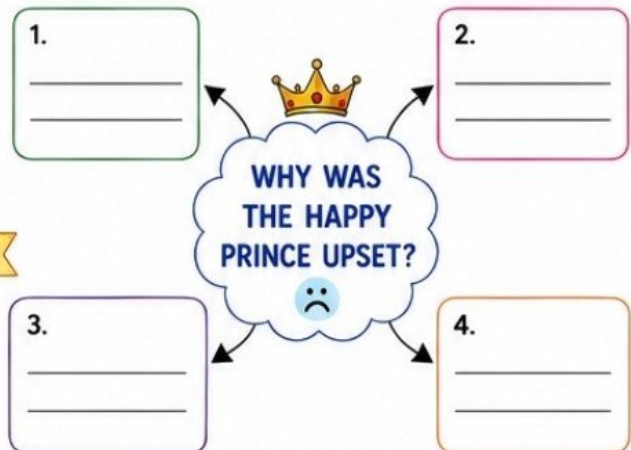
- ★ Read the story “The Happy Prince”.
- ★ Draw a beautiful picture of The Happy Prince.

Then write:

WHY WAS THE HAPPY PRINCE UPSET?

Write at least FOUR reasons explaining why he felt unhappy.

Present your reasons in the form of a FLOWCHART.



#### 4. A GARDEN OF WORDS

(From the story The Happy Prince, these words have been taken.)



- ★ Draw flowers in your notebook.
- ★ Write the meaning of these words on one of the petals of these flowers.
- ★ Write an example using the same word on another petal.



- ★ Complete the work neatly.
- ★ Use colours and creative borders.
- ★ Writing should be neat and legible.



# HOLIDAY HOMEWORK

Computer Science | Academic Session 2026-27

Class: VII

Topic: Generations of Computer

## Part A: The Chronology Project

Create a "**Timeline of Computing**" on A4 sheets or a scrapbook. For each of the five generations, you must identify and record:

- The specific **Time Period** of the generation.
- The **Primary Electronic Component** (Switching Device) used.
- The **Programming Language** associated with that era.
- A famous **Example Computer** name.

*Requirement: Include a hand-drawn sketch or labeled diagram for the main component of each generation.*

## Part B: Comparative Analysis

Complete the following table comparing the evolution of technology:

Generation	Main Technology	Speed & Reliability	Example Computer
1st Generation			
2nd Generation			
3rd Generation			

Generation	Main Technology	Speed & Reliability	Example Computer
4th Generation			
5th Generation			

## Part C: Research & Logic

### 1. The Concept of Miniaturization:

Research and explain why computers have drastically reduced in size from the 1st generation to the 4th generation. Write your findings in approximately 80-100 words.

### 2. Future Vision:

We are currently in the 5th generation (AI). Imagine the **6th Generation** of computers. What major breakthrough do you predict? Describe its features in 5 points.

## Part D: Technical Illustration

Draw and label the physical appearance of the following components in the space provided in your lab manual:

1. Vacuum Tube
2. Transistor
3. Integrated Circuit (IC)
4. Microprocessor

Submission Date: Reopening day of school.  
Criteria for Evaluation: Content Accuracy, Neatness, and Creativity.



# M.K. D.A.V. PUBLIC SCHOOL

## CHIANKI, DALTONGANJ



# ग्रीष्मावकाश गृहकार्य

कक्षा – सप्तम

विषय – हिन्दी

1. जो ऋतु आपको अच्छी लगती है, उस पर एक कविता सचित्र लिखिए।

2. आप अपने मित्र में कौन-कौन से गुण देखना चाहेंगे और क्यों?

3. यदि निर्मला पर हाथी ने हमला किया होता तो सयाल उसे कैसे बचाती?  
आप कल्पना करके अपने विचार लगभग 100 शब्दों में लिखिए।

4. स्वतंत्रता आंदोलन और कारगिल युद्ध में शहीद हुए दस-दस व्यक्तियों की सूची बनाइए। उनकी वीरतापूर्ण कार्यों को लिखिए।



नोट – अपना गृहकार्य साफ-सुथरा और समय पर करें।  
सभी को सुखद, सुरक्षित और ज्ञानवर्धक अवकाश की शुभकामनाएँ!



H.H.W.

Sub. संस्कृतम्  
कक्षा - 7

Date 06.05.2026

⇒ (1) शब्दार्थ लिखें - (1) समेषु (2) कश्चित्  
(3) भीताः (4) न्यूनतरा (5) बुभुक्षितः  
(6) गुहासु (7) गुहाम् (8) अभ्यन्तरं (9) आसन् (10)  
इतस्ततः (11) एव (12) अपि (13) खादित्वा (14) तम्

⇒ (2) गम्, स्था, धाव्, चिन्त् और भू घातु के  
रूप लङ् लकार में लिखें।

⇒ (3) सिंह, शृगाल और बाल शब्द के रूप सभी  
विभक्ति एवं वचनों में लिखें।

⇒ (4) अस्मद्, युष्मद् एवं तत् शब्द के रूप तीनों लिंगों  
में लिखें।

X

M.H.W.

कक्षा - 7

Date - 25/11/21

विषय - M.ed

- 1 पाठ 1 - प्राचीन लिखे और याद करें।
- 2 आर्यसमाज के दस निष्ठा लिखें और याद करें।
- 3 आर्यसमाज की स्थापना कब, कहाँ और किसने की थी?
- 4 श्रीराम को आर्चक बनाने वाले गुणों को आरेख में लिखकर दिखाएँ।
- 5 क्या किसी धर्म की प्रतिष्ठा उसके जीवन शूलों की अज्ञानता पर निर्भर करती है?

# MK DAV PUBLIC SCHOOL

Daltonganj, Jharkhand

## SUMMER VACATION HOLIDAY HOMEWORK (2026-27)

Sub: Mathematics

*"Don't count the days, make the day count"*

Class: VII

### Quick Math Reference:

• Rational Numbers ( $\frac{p}{q}$ ) • Additive Identity:  $a + 0 = a$  • Reciprocal of  $\frac{a}{b}$  is  $\frac{b}{a}$

- Q1.** Represent  $5\frac{1}{3}$  and  $-\frac{29}{4}$  on a number line.
- Q2.** Arrange in descending orders:  $-\frac{3}{10}$ ,  $-\frac{7}{-5}$ ,  $\frac{9}{-15}$ ,  $\frac{18}{30}$
- Q3.** Find the value of  $x$  in the following:  
(i)  $\frac{23}{x} = -\frac{2}{8}$  (ii)  $\frac{x}{9} = \frac{19}{3}$  (iii)  $\frac{15}{-x} = \frac{1}{-7}$
- Q4.** Compare the following pair of numbers:  
(i)  $-\frac{2}{9}$ ,  $\frac{8}{-36}$  (ii)  $\frac{5}{9}$ ,  $\frac{4}{6}$  (iii)  $\frac{6}{7}$ ,  $-\frac{54}{-63}$
- Q5.** Express  $\frac{3}{5}$  as rational no. with numerator  $-21$ .
- Q6.** Verify  $x + (y + z) = (x + y) + z$ , if  $x = \frac{3}{4}$ ,  $y = \frac{5}{6}$ ,  $z = -\frac{7}{8}$ .
- Q7.** Simplify:  
(i)  $-\frac{3}{10} + \frac{12}{-10} + \frac{14}{10}$  (ii)  $-\frac{5}{10} + \frac{6}{13} + 8$
- Q8.** The sum of two rational no. is  $-5$ . If one of the number is  $\frac{2}{3}$ , find the other.
- Q9.** Find the reciprocal of:  
(i)  $-\frac{1}{5}$  (ii)  $4$  (iii)  $\frac{11}{-12}$  (iv)  $-\frac{2}{-19}$
- Q10.** The product of two numbers is  $-\frac{3}{7}$ . If one of the numbers is  $\frac{5}{21}$ , find the other.

"Summer is the perfect time to explore, dream, and discover new wonders"

M.K. D.A.V. PUBLIC SCHOOL , CHIANKI , DALTONGANJ

CLASS VII

SUBJECT : GK

Revise the chapters taught .

Complete the worksheets of page no. 15 to 25 .