



# DECENT PUBLIC SCHOOL

Senior Secondary (Recognised and C.B.S.E. Affiliated)

MEDICAL NON-MEDICAL COMMERCE HUMANITIES

**ALL ROUND BRILLIANCE THROUGH BALANCED SCHOOLING**

# Have a great



From 16-May-2020 to 30-June-2020

# VaCaTion!

BACK TO SCHOOL ON 01-JULY-2020

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## Summer vacations work

### English (7th)

You will have 2 copies of English..

Copy 1 for book work and copy 2 for Grammar work.

- 1) Work to be done in copy 1  
ch-1 dal delight  
Ch-2 The all American slurp  
Q/A, word meanings, back exercise of chapters.
- 2) Work to be done in copy 2.  
Ch-1 and ch-2 of grammar  
The above work should be done date wise and neatly.
- 3) Read ch-3 in grammar and do pg no. - 19 and 21 in book.
- 4) Read first two stories of story book (god's gift). Write it's difficult words with their meanings in copy 1.
- 5) Do activity of adjectives  
<https://youtu.be/D6u5DghGW4c>
- 6) Watch/Read one headline daily and write in copy 2.
- 7) What was your observation about nature 5 months ago and what's now? Write your views in copy 2.
- 8) Pick any two topics from your book 'positive vibes' and write them in your words in copy 2.
- 9) Read chapter ,next day book work ,than next day copy work.

## Devent Pb. School / VII / Hindi / formative Assessment - I.

खण्ड - 'क'

(14 Marks)

प्र०-① सही विकल्प चुनें -

कंचूरा क्या है ?

(क) नींव ☐(ख) परदा ☐(ग) आवरण ☐(घ) शिखर ☐

२) भाषा कितने प्रकार की होती है ?

(क) एक ☐(ख) दो ☐(ग) चार ☐(घ) पाँच ☐

३) हिंदी कब राजभाषा बनी ?

(क) २६ जनवरी, १९५० ☐(ख) १५ अगस्त, १९४७ ☐(ग) १५ सितंबर, १९४९ ☐(घ) १५ नवंबर, १९५० ☐

४) वृत्रासुर का नाश किसकी हड्डियों के दान से हुआ ?

(क) दधरीचि ☐(ख) व्यास मुनि ☐(ग) विश्वामित्र ☐(घ) परशुरामजी ☐

५) कविता 'भारत माता' के कवि हैं -

(क) प्रेमचंद ☐(ख) मैथिलीशरण गुप्त ☐(ग) सोहनबाल दलिवेदी ☐(घ) कोई नहीं ☐

प्र०-② रिक्त स्थान की पूर्ति कीजिए -

(क) भाषा की सबसे छोटी इकाई \_\_\_\_\_ है।

(ख) व्याकरण की सबसे बड़ी इकाई \_\_\_\_\_ है।

(ग) सत्य \_\_\_\_\_ होता है।

प्र०-③ पंक्ति पूरी कीजिए -

भारत माता का \_\_\_\_\_

प्रसाद यहाँ।



खण्ड - 'ख'

(16 Marks)

प्र०-५ विलोम शब्द लिखिए -

(क) शत्रु -

(ख) धनी -

प्र०-६ समानार्थी शब्द लिखिए -

(क) गुण -

(ख) मित्र -

प्र०-७ नीचे शब्दों का संयोजन करके लिखें।

(क) सम + कल्प =

(ख) सम + मान =

प्र०-८ भाव स्पष्ट कीजिए -

(क) सबका शिव कल्याण यहाँ है, पार्वी सभी प्रसाद यहाँ।

(ख) सुंदर सृष्टि हमेशा बलिदान खीजती है।

प्र०-९ उत्तर दीजिए -

(क) व्याकरण का क्या कार्य है ?

(ख) नींव की ईंट और कंगूर की ईंट में क्या अंतर है ?

(ग) कवि भारत की किन विशेषताओं से प्रभावित है ?

Decent

# DECENT PUBLIC SCHOOL

## SUMMER VACATION WORK ( 2020- 2021)

Sub: Maths , Class : VII

Without mathematics, there's nothing you can do.

Everything around you is mathematics.

Everything around you is numbers.

Mathematics Book : NCERT Mathematics

Mathematics copies : 2 long copies and 1 geometry copy

( 2 long copies use as MATHS -1 and MATHS-2, only geometry chapters are to be done in geometry copy)


### WORK :

1. Complete chapter – 1 ( **INTEGERS**) and chapter-2 ( **FRACTIONS AND DECIMALS**) in your Maths-1 copy along with all the classwork notes.  
(Do the work date wise and 5 questions daily)
2. Go through the link given below of CH-3 ( **Data Handling**) and solve the exercise questions in MATHS-2 copy.

<https://youtu.be/NE6pudadmJY>

3. Do the activity given below in geometry copy

<https://youtu.be/tq9LhGNe7b8>

4. Cut out “Types of Quadrilateral” from coloured sheet. Paste them and write their properties. Link is given below   
( Do it in geometry copy)

<https://youtu.be/xahcJZu1u9c>

5. Do the following quiz :

<https://www.khanacademy.org/math/in-math-by-grade/in-in-class-7th-math-cbse/x939d838e80cf9307:decimals-cbse/x939d838e80cf9307:decimal-revision-class-6/e/write-lengths--weights--and-money-as-decimals?modal=1>

<https://www.khanacademy.org/math/in-math-by-grade/in-in-class-7th-math-cbse/x939d838e80cf9307:decimals-cbse/quiz/x939d838e80cf9307:decimals-cbse-quiz-1?mo>

<https://www.khanacademy.org/math/in-math-by-grade/in-in-class-7th-math-cbse/x939d838e80cf9307:in-in-7th-data-handling>

6. Solve the following worksheets after completing of Ch-1 (Integers) and CH-2 ( fractions and decimals)

**(Print out and paste OR write down it, do it in Maths-1)**

1. When the integers 10, 0, 5, - 5, - 7 are arranged in descending or ascending order, then find out which of the following integers always remains in the middle of the arrangement.

(a) 0                      (b) 5                      (c) - 7                      (d) - 5

2. By observing the number line (Fig. 1.2), state which of the following statements is not true.



Fig. 1.2

- (a) B is greater than -10                      (b) A is greater than 0  
(c) B is greater than A                      (d) B is smaller than 0

3. By observing the above number line (Fig. 1.2), state which of the following statements is true.

- (a) B is 2                      (b) A is - 4  
(c) B is -13                      (d) B is - 4

4. Next three consecutive numbers in the pattern 11, 8, 5, 2, --, --, -- are

- (a) 0, - 3, - 6                      (b) - 1, - 5, - 8  
(c) - 2, - 5, - 8                      (d) - 1, - 4, - 7

5. The next number in the pattern - 62, - 37, - 12 \_\_\_\_\_ is

- (a) 25                      (b) 13                      (c) 0                      (d) -13

6. Which of the following statements is not true?

- (a) When two positive integers are added, we always get a positive integer.  
(b) When two negative integers are added we always get a negative integer.  
(c) When a positive integer and a negative integer is added we always get a negative integer.  
(d) Additive inverse of an integer 2 is (- 2) and additive inverse of (- 2) is 2.

7. On the following number line value 'Zero' is shown by the point



- (a) X                      (b) Y                      (c) Z                      (d) W

8. If  $\otimes$ ,  $\circ$ ,  $\ominus$  and  $\bullet$  represent some integers on number line, then descending order of these numbers is



- (a)  $\bullet, \otimes, \ominus, \circ$  (b)  $\otimes, \bullet, \ominus, \circ$  (c)  $\circ, \ominus, \otimes, \bullet$  (d)  $\circ, \bullet, \otimes, \ominus$
9. On the number line, the value of  $(-3) \times 3$  lies on right hand side of
- (a)  $-10$  (b)  $-4$  (c)  $0$  (d)  $9$
10. The value of  $5 \div (-1)$  does not lie between
- (a)  $0$  and  $-10$  (b)  $0$  and  $10$  (c)  $-4$  and  $-15$  (d)  $-6$  and  $6$
11. Water level in a well was  $20\text{m}$  below ground level. During rainy season, rain water collected in different water tanks was drained into the well and the water level rises  $5\text{ m}$  above the previous level. The wall of the well is  $1\text{m } 20\text{ cm}$  high and a pulley is fixed at height of  $80\text{ cm}$ . Raghu wants to draw water from the well. The minimum length of the rope that he can use is
- (a)  $17\text{ m}$  (b)  $18\text{ m}$  (c)  $96\text{ m}$  (d)  $97\text{ m}$

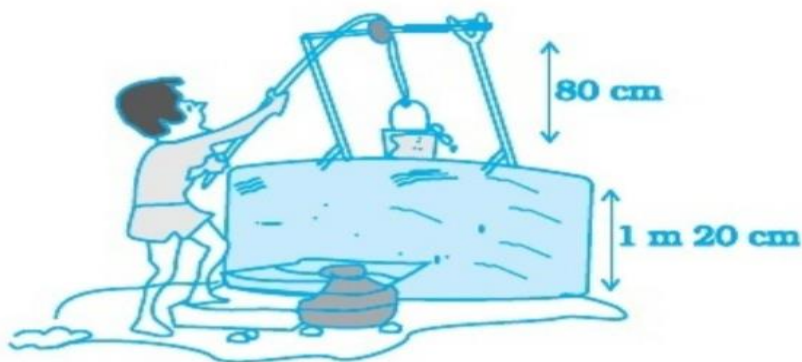


Fig. 1.3

12.  $(-11) \times 7$  is not equal to
- (a)  $11 \times (-7)$  (b)  $-(11 \times 7)$  (c)  $(-11) \times (-7)$  (d)  $7 \times (-11)$
13.  $(-10) \times (-5) + (-7)$  is equal to
- (a)  $-57$  (b)  $57$  (c)  $-43$  (d)  $43$
14. Which of the following is not the additive inverse of  $a$ ?
- (a)  $-(-a)$  (b)  $a \times (-1)$  (c)  $-a$  (d)  $a \div (-1)$
15. Which of the following is the multiplicative identity for an integer  $a$ ?
- (a)  $a$  (b)  $1$  (c)  $0$  (d)  $-1$



## CH. 2 : FRACTIONS AND DECIMALS

### II FILL IN THE BLANKS

1. The product of two proper fractions is \_\_\_\_\_ than each of the fractions.
2. The product of two improper fractions is \_\_\_\_\_ than each of the two fractions.
3.  $\frac{4}{5} \times \frac{\square}{\square} = \frac{28}{30}$
4.  $\frac{2}{\square} \times \frac{4}{9} = \frac{8}{45}$
5. Reciprocal of  $\frac{2}{3}$  is  $\frac{\square}{\square}$
6.  $1.2 \times 100 = \underline{\hspace{2cm}}$
7.  $2.5 \times 1000 = \underline{\hspace{2cm}}$
8.  $2.97 \times 10 = \underline{\hspace{2cm}}$

### II ANSWER THE FOLLOWING :

1. Solve
  - i)  $4 - \frac{1}{5}$
  - ii)  $2\frac{3}{7} + 3\frac{1}{2}$
  - iii)  $\frac{2}{3} + \frac{1}{6} + \frac{7}{12}$
2. Arrange the numbers in descending order and ascending order
  - a.  $\frac{4}{5}, \frac{2}{7}, \frac{5}{3}$
  - b.  $\frac{5}{2}, \frac{3}{5}, \frac{7}{6}$
3. Raju finished his work in  $\frac{5}{6}$  hrs. Vrinda finished her work in  $\frac{3}{4}$  hrs. Who worked longer ? By what fraction was it longer?

4. Multiply and reduce to lowest form and convert into a mixed fraction.

i)  $40 \times \frac{6}{12}$

ii)  $22 \times \frac{3}{11}$

iii)  $\frac{2}{5} \times 25$

iv)  $2\frac{1}{7} \times 14$

v)  $3\frac{5}{6} \times 18$

5. Multiply and reduce to lowest form

a.  $\frac{4}{15} \times \frac{20}{8}$

b.  $3\frac{4}{7} \times \frac{21}{10}$

c.  $\frac{6}{13} \times \frac{26}{36}$

6. Which is greater

a.  $\frac{1}{3}$  of  $\frac{4}{5}$  or  $\frac{2}{3}$  of  $\frac{3}{10}$

7. Find

a.  $6 \div 5\frac{1}{3}$

b.  $7 \div 2\frac{4}{7}$

c.  $7 \div \frac{2}{5}$

d.  $6 \div \frac{4}{7}$

e.  $2 \div \frac{8}{9}$

f.  $\frac{3}{5} \div \frac{1}{2}$

g.  $\frac{1}{2} \div \frac{3}{5}$

h.  $2\frac{1}{2} \div \frac{3}{5}$

i.  $5\frac{1}{6} \div \frac{9}{2}$

8. Express as rupees using decimals

a. 479 paise

b. 2 rupees 30 paise

c. 25 rupees 85 paise

d. 75 paise

9. Express 45 mm in cm, m and km

10. Ajmal bought 21 kg 360 g Wheat and 37 kg 350g Rice. Roshan bought 32 kg 500g Wheat and 28 kg 150 g Rice. Who bought more cereals.

Date : / /

Page No.

Decent Public School

Summer-vacation Work

Subject - Sanskrit

Class - VII

\* संस्कृत दर्पण किताब से पाठ-1 प्रार्थना उत्तरपुरस्तिका में लिखें और अध्ययन करें।

\* पाठ-9 सुभाषितानि।

\* पाठ-13 नीतिश्लोकाः।

→ उपर्युक्त दोनों पाठों का अध्ययन करें और हिन्दी अनुवाद सहित उत्तरपुरस्तिका में साफ-साफ लिखें। शब्दार्थ व अभ्यास सहित।

\* 1 से 50 तक गिनती लिखें व याद करें।

\* विद्यालय संबंधी शब्द याद करके लिखित रूप में अभ्यास करें।

\* पत्र लेखन - अवकाश के लिए पत्र।

\* अनुच्छेद लेखन - मम विद्यालय।

**DECENT PUBLIC SCHOOL ROHINI**  
**SUMMER VACATION HOME WORK**

**SESSION    2020- 21**

**SUBJECT     S.S.T**

**CLASS 7**

**SOCIAL SCIENCE    ( HISTORY)**

1. Read Chapter 1 ( Where, When and How) , Do question A and B in book and question C,D and E in copy 1.
2. Read Chapter 2 ( New Kings And Kingdoms) , Do question A and B in book and question C, D and E in copy 1.
3. **ACTIVITY** - collect information about Monuments of Mughal Period. Present with pictures. You can take help of chapter 6 of history.
4. Write New Terms of each chapters in copy.

**( Geography)**

5. Read Chapter 1- ( The Environment in its Totality) , Do question A and B in book and question C, D and E in copy 2.
6. Read Chapter 2 ( Earth's Interior ) , Do question A and B in book and question C, D and E in copy 2  
<https://youtu.be/uLpXiu5QsKU>  
<https://youtu.be/17l2LrjZi9o>
7. Draw a diagram of Interior of earth in your copy.
8. **ACTIVITY** - Collect some pics of things made up of rocks. Now Write whether the rocks are which type. Also Write at least two features of those rocks.

**(CIVICS )**

9. **Read Chapter 1** ( Democracy) , Do question A and B in book and question C, D and E in copy 1.
10. **Read Chapter 2** ( Institutional Representatives of Democracy , Do question A and B in book and question C, D and E in copy 1.
11. **ACTIVITY** -- Make a list of different political parties. Present in a Table like this  

Name of party	Formation Year	Election Symbol
---------------	----------------	-----------------
12. **PROJECT-** Prepare a project on Covid 19 in the following points  
**Identification** of Virus  
Symptoms of Virus  
Precautions from Virus  
Government's policies to control the Virus.



**MAP ACTIVITY BOOK**

**13.** Do page no. 5,13,15,17and 19 of map activity book.

**DECENT PUBLIC SCHOOL**  
**SUMMER VACATION WORK**  
**CLASS 7<sup>th</sup>**

**Subject- Science**

1. Do all the chapters(worksheets) again in the fair notebook as done so far.

**Note:-**

- a. Science notebook will be as practical notebook means left side plain pages and right side ruled pages.
  - b. The science is divided into three branches that is Physics, Chemistry, and Biology. Hence there will be single notebook for each branch of science.
  - c. There will be three notebooks for science.
    - Notebook 1<sup>st</sup> will be for Physics.
    - Notebook 2<sup>nd</sup> will be for Chemistry.
    - Notebook 3<sup>rd</sup> will be for Biology.
  - d. Since chapter-1 nutrition in plants, chapter-2 nutrition in animals are of biology so should be done in Science notebook 3<sup>rd</sup>.
  - e. chapter-3 fibre to fabric is of chemistry so should be done in science notebook 2<sup>nd</sup>.
2. Learn the chapters completed that is chapter-1 nutrition in plants, chapter-2 nutrition in animals and chapter-3 fibre to fabrics.
  3. Read and understand the chapter-4 chemicals and chemical changes of chemistry from book and from links provided below
    - a) [https://youtu.be/\\_EXLkSKJSVQ](https://youtu.be/_EXLkSKJSVQ)
    - b) <https://youtu.be/hR4INaAC0JY>
    - c) <https://youtu.be/eyzVBiapXtM>
    - d) <https://youtu.be/KJE4mDh1WTg>
    - e) [https://youtu.be/bGU6mQ6mC\\_s](https://youtu.be/bGU6mQ6mC_s)
    - f) [https://youtu.be/deccg\\_LstAY](https://youtu.be/deccg_LstAY)
    - g) <https://youtu.be/EgQIKIsChRo>
    - h) [https://youtu.be/37pir0ej\\_SE](https://youtu.be/37pir0ej_SE)
  4. Do the worksheets of the chapter-1 nutrition in plants, chapter-2 nutrition in animals, chapter-3 fibre to fabric and chapter-6 physical and chemical changes of the 'NCERT practice workbook science' in the book with pencil. ('NCERT practice workbook science' will be in your book set)

**General knowledge**

- Do the page number from 1 to 26 of **knowledge geek** book in the book with pencil.

**How to do holiday homework**

- Do 3 questions per day in science and 1 page per day in general knowledge and science workbook.
- Learn pronunciation, spellings, and meanings of difficult words from science book.
- Ask parents for dictating the dictation from science book. So that you may get familiar with new words and also vocabulary will improve.
- Put the dividing line after each question.

List of the chapters categorized as Physics, Chemistry and Biology.

## Contents

### UNIT 1 Food

- |                                   |           |    |
|-----------------------------------|-----------|----|
| 1. Nutrition in Plants            | Biology   | 11 |
| 2. Nutrition in Animals           | Biology   | 21 |
| 3. Fibre to Fabric                | Chemistry | 32 |
| 4. Chemicals and Chemical Changes | Chemistry | 42 |
| 5. Acids, Bases, and Salts        | Chemistry | 56 |
| 6. Heat and Temperature           | Chemistry | 70 |

### UNIT 2 The World of the Living

- |  |         |     |
|--|---------|-----|
| 7. Climate and Adaptation                    | Biology | 85  |
| 8. Soil                                      | Biology | 99  |
| 9. Respiration in Living Beings              | Biology | 111 |
| 10. Transport of Substances in Living Beings | Biology | 121 |
| 11. Reproduction in Plants                   | Biology | 132 |

### UNIT 3 Moving Things, People, and Ideas

- |                     |         |     |
|---------------------|---------|-----|
| 12. Time and Motion | Physics | 145 |
|---------------------|---------|-----|

### UNIT 4 How Things Work

- |                                      |         |     |
|--------------------------------------|---------|-----|
| 13. Electric Current and its Effects | Physics | 159 |
|--------------------------------------|---------|-----|

### UNIT 5 Natural Phenomena

- |                    |         |     |
|--------------------|---------|-----|
| 14. Wind and Storm | Physics | 169 |
| 15. Light          | Physics | 178 |

### UNIT 6 Natural Resources

- |                                |         |     |
|--------------------------------|---------|-----|
| 16. Water: A Precious Resource | Biology | 192 |
| 17. Our Forests                | Biology | 202 |
| 18. Wastewater Management      | Biology | 211 |

- |             |  |     |
|-------------|--|-----|
| Test Papers |  | 222 |
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## **Summer Vacation**

### **Homework Art and craft**

#### **Class 7**

- 1 Do page number 1 to 8 of your book in drawing file and book.
- 2 Make a Flower basket with the help of this link <https://youtu.be/9P366yFtcbc>



विषय : हिंदी

कक्षा : VII

ग्रीष्म अवकाश ग्रह कार्य

हिंदी किताब : 1. मधुलिका (literature book), 2. हिंदी व्याकरण तथा रचना (Grammar book)

हिंदी कॉपी : 1. कॉपी 1 (for literature work), 2. कॉपी 2 (for Grammar work)

रचनात्मक कार्य : To do in formative file 1

1. किताब हिंदी व्याकरण तथा रचना का कार्य : (कॉपी 2)
  - पाठ - 1 (भाषा विचार, हिंदी भाषा और व्याकरण) पढ़े व पृष्ठ 9 और 10 व्याकरण की कॉपी में करें।
  - पाठ - 5 (पर्यायवाची शब्द) से 20 शब्द लिखे व याद करें। (in HHW copy)
  - पाठ - 6 (विलोम शब्द) से 20 शब्द लिखे व याद करें। (in HHW copy)
2. किताब मधुलिका का कार्य : (कॉपी 1)
  - पाठ - 1. (भारत माता) कविता के शब्दार्थ लिखें
  - पृष्ठ 7 व 8 के लिखित प्रश्न (1 से 4 तक) लिखें व याद करें।
  - पृष्ठ 9 के प्रश्न (3 व 4) करें।
  - पाठ - 2 (नींव की ईंट) के शब्दार्थ लिखें।
  - पृष्ठ 16 के प्रश्न (3 व 4) लिखे एवं याद करें।
  - पाठ - 3. (एल्बम) का पाठ पढ़े व उनके कठिन शब्द निकालकर लिखें।

\*(किताब मधुलिका व व्याकरण के करें हुए पाठ के बचे हुए अन्य सभी प्रश्न अपनी किताब में सुंदर लेख से भरें।)

- बुद्धाचरीत पुस्तक के पाठ का अध्ययन करें वे उनसे सीखी 10 अच्छी बातों को लिखें। (in HHW copy)

3. रचनात्मक कार्य : (in formative file 1)

- यातायात के संकेत (पृष्ठ 202 - 203, हिंदी व्याकरण किताब से सहायता ले) (roll no. 1 to 8)
- देश प्रेम पर 5 स्लोगन (roll no. 9 to 16)
- विलोम / पर्यायवाची शब्द (10 शब्द) (roll no. 17 to 24)
- कोरोना से बचाव के कुछ मूल मंत्र (roll no. 25 to 32)

\*उपर्युक्त विषय का अनुक्रमांक अनुसार ध्यान दे कर के उनपे कार्य करें।

- 'देश समाज के नव निर्माण हेतु आप क्या कर सकते हैं?' विषय पर अनुच्छेद लिखें।
- नीचे दिए गए लिंक की मदद से कहानी को सुने, समझें एवं इससे आपको क्या शिक्षा मिली इसपर 80 से 100 शब्दों में व्यक्त करें। <https://youtu.be/UtZRllkysYs>

4. मनोरंजक प्रोग्राम जैसे महाभारत एवं रामायण को देखकर अपना समय व्यतीत करें।