



**ARMY PUBLIC SCHOOL BIRPUR, DEHRADUN**  
**SUMMER VACATION HOLIDAY HOMEWORK**

**SESSION : 2020-21**

**CLASS : VII**

**SUBJECT : ENGLISH**

1. Make poster on A4 sheets on the following topics (Any two):

- (a) Protect yourself and others from getting sick: Wash your hands
- (b) Cleanliness
- (c) Good Habits
- (d) Role of good citizens in the time of crisis

2. Write a letter your grandfather/grandmother who stays in other village/city telling about the pandemic COVID-19 and suggesting the precautions to be taken care of.

3. Write a letter to your friend suggesting him how to make creative use of the free time.

4. Write an article on the following topics in 100 to 200 words:

- (a) The Time spent with your family during pandemic.
- (b) Impact of COVID-19 on the world.
- (c) Role of Educated people in time of Epidemics.
- (d) How to overcome your biggest fear.

5. Profile making.

6. Article or Poem (on any topic for school magazine)

7. Create a memory collage to have as a souvenir and to remember all your experiences like fun, pain, new learning's etc during this quarantine.

**SUBJECT : MATHEMATICS**

**NOTE : Do this Holiday homework in a separate notebook.**

SECTION -A

LOGICAL AND ANALYTICAL BASED QUESTIONS

Q1. A man walks 30m towards south . Then turning to his right , he walks 30m. Then turning to his left he walks 20m. Again he turns to his left and walks 30m . How far is he from his initial position?

Q2. How many numbers from 11 to 50 are there which are exactly divisible by 7 but not by 3?

Q3. Ravi has ₹56.00 in 10-rupee coins and 2-rupee coins . He has 8 coins altogether. How many coins of each kind does he have?

Q4. Some students are standing in a line for a PT drill. Someet is 12<sup>th</sup> from left and 13<sup>th</sup> from right. How many students are standing in this line?

Q5. Three hours later would be as long until midday. What time is it now?

Q6. IF '+' means '-' ; '-' means '×' ; '×' means '÷' ; '÷' means '+'

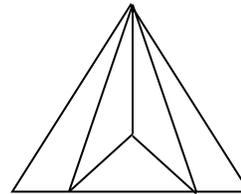
Then  $15 \times 3 \div 15 + 5 - 2 = ?$

Q7. Look at this series 2,4,6,8,10, \_\_. What number should come next?

Q8. Represent pictorially

$$2 \times \frac{2}{5} = \frac{4}{5}$$

Q9. Find the number of triangle in the given figure



Q10. In a magic square each row , column and diagonal have the same sum. Check which One of the following is a magic square.

5	-1	-4
-5	-2	7
0	3	-3

-3	4	-1
2	0	-2
1	-4	3

4	9	2
3	5	7
8	1	6

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SECTION- B  
PRACTICE TIME

Q1. Mohan deposits ₹ 2,000 in his bank account and withdraws ₹ 1,642 from it, the next day. If withdrawal of amount from the account is represented by a negative integer, then how will you represent the amount deposited? Find the balance in Mohan's account after the withdrawal.

Q2. In a quiz, team A scored – 40, 10, 0 and team B scored 10, 0, – 40 in three successive rounds. Which team scored more? Can we say that we can add integers in any order?

Q3. Find each of the following products:

(a)  $3 \times (-1)$

(b)  $-26 \times (-30)$

Q4. Replace the blank with an integer to make it a true statement.

(a)  $(-3) \times \underline{\hspace{2cm}} = 27$

(b)  $5 \times \underline{\hspace{2cm}} = -35$

Q5. An elevator descends into a mine shaft at the rate of 6 m/min. If the descent starts from 10 m above the ground level, how long will it take to reach  $-350$  m.

Q6. Arrange the following in descending order:

(i)  $\frac{2}{9}, \frac{2}{3}, \frac{8}{21}$

(ii)  $\frac{1}{5}, \frac{3}{7}, \frac{7}{21}$

Q7. A rectangular sheet of paper is  $12\frac{1}{2}$  cm long and  $10\frac{2}{3}$  cm wide. Find its perimeter.

Q8. Multiply and express as a mixed fraction:

(a)  $3 \times 5\frac{1}{5}$

(b)  $4 \times 6\frac{1}{3}$

Q9. Sahil plants 4 saplings, in a row, in her garden. The distance between two adjacent saplings is  $\frac{3}{4}$  m. Find the distance between the first and the last sapling.

Q10. Solve the following

(i)  $2\frac{2}{3} + 3\frac{1}{2}$

(ii)  $8\frac{1}{2} + 3\frac{5}{8}$

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SECTION- C

LAB ACTIVITY

(i). Do lab activity 1,2 and 3 in your lab manual (lab manual of Army addition).

(ii). Write a pair of integers whose sum gives

- (a) A negative integer
- (b) Zero
- (c) An integer smaller than only one of the integers
- (d) An integer greater than both the integers.

(iii). Write a pair of integers whose difference gives

- (a) A negative integer
  - (b) Zero
  - (c) An integer smaller than only one of the integers
  - (d) An integer greater than both the integers
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## SECTION- D

### A. PROJECT (Bookmarks)

Make 4 fraction reference cards that double as bookmarks according to the following instruction.

- (a) First bookmark should represent fraction in pictorial form ( use circles)
- (b) Second bookmark should represent addition of fraction in pictorial form
- (c) Third bookmark should represent subtraction of fraction in pictorial form
- (d) Fourth bookmark should represent multiplication of a whole number with a fraction  
(for eg.  $3 \times \frac{1}{4}$ )



B. Write about the one famous mathematician, his contribution in mathematics, achievements and pictures.

### SUBJECT : SCIENCE

**I** -Light is so important to plants that their leaves grow in many patterns so as to absorb maximum sunlight.

Find out how and prepare a report of 60-100 words.

**II**-Collect data from your friends, neighbours and classmates to know more about “milk teeth”.

Tabulate your data. One way of doing it is given below:

S. No.	Age at which first tooth fell	Age at which last tooth fell	No. of teeth lost	No. of teeth replaced
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- 1.
- 2.
- 3.
- 4.
- 5.

Find out from at least five children and find the average age at which children lose the milk teeth. You may take help of your friends/neighbours

**III**-Paste in a scrap book

- (i) 2 pictures of each insectivorous plants, parasitic plant, saprotrophic plant.
- (ii) 5 pictures of animals giving us wool.

IV-Learn lesson 1, 2 and 3.

V-Write 30 difficult words from lesson 1,2 and 3 with their meanings in a thin copy.

### **SUBJECT : S.SCIENCE**

#### **Note: Do all work in Scrap book**

- Q1. Write names of all the states and Union Territories and their capital. (Geography Map work))
- Q2. Write timeline of Mughal Emperors. ((History L-4 The Mughal empire)
- Q3. Write the names of various tribes found in India and their regions. (History L-7 Tribes nomads)
- Q4. Write two lines on 4 building constructed during Mughal period. (Histroy L- 5 Rulers and buildings)
- Q5. Write a note on various types of markets. (Civics L-8 Market around us)
- Q6. What are the various types of media? (Civics L-6 Understanding media)
- Q7. In which various forms is water available on the earth, give answer with the help of diagram. (Geo L- 5 Water)
- Q8. Make list of the countries which are highly affected with Corona virus and number of casualties and recovery rate with the help of diagrams or pictures.
- Q9. Write an article on the topic “Labourers of India during Lockdown”.

### **SUBJECT : COMPUTER**

- 1) Make a presentation (10-15 slides) in MS PowerPoint on topic “Services of internet” from your Textbook.
- 2) Make a table in MS Excel with data (any value of your own) of 10 students as: NAME, ROLL\_NO, CLASS, ADDRESS, FEE and calculate the **Total Fee**(total amount) of all the students.

# ग्रीष्मावकाश गृहकार्य हिंदी

## कक्षा – सातवीं

- 1) अपनी पूरक पुस्तक “बाल महाभारत” पढ़कर उसका सारांश लिखिए। (यह कार्य एक अलग छोटी पुस्तिका में करें।)
- 2) कक्षा में करवाया गया सम्पूर्ण पाठ्यक्रम नियतकालिक परीक्षा हेतु याद करें।
- 3) गतिविधि हेतु चार्ट पेपर पर दैनिक जीवन में प्रयोग होने वाले शब्दों से भरा शब्दकोश कोलाज की तरह तैयार करें।

नोट-रंग-बिरंगे कागजों का प्रयोग करें तथा शब्दों के अर्थ भी लिखें। शब्द हर विषय से सम्बंधित हों –  
(हिंदी, अंग्रेजी, विज्ञान, सामाजिक विज्ञान, गणित।)

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