



**ARMY PUBLIC SCHOOL BIRPUR, DEHRADUN**  
**SUMMER HOLIDAY HOMEWORK**  
**SESSION : 2022 – 23**  
**CLASS : VII**

**SUBJECT : ENGLISH**

**1. Make a VOCABULARY DIARY / SCRAPBOOK**

Make a VOCABULARY DIARY / SCRAPBOOK for writing down five new words and their meanings everyday . ( Five new words that you come across while reading books , newspapers , magazines etc. ) Cover the diary / scrapbook creatively and keep it for long term use.

**2. Compose a poem / short story / article**

Write a self composed poem / short story /article ( on any topic ) in an A4 sheet. Original & best pieces of writing will be published in the school magazine.

**3. Handwriting**

Do one page writing in a new notebook everyday and see how your writing improves !

**4. Revision**

Revise all the literature lessons , poems , writing and grammar topics completed till now.

**SUBJECT : HINDI**

1) सभी प्राणियों के कल्याण के लिए प्राकृतिक स्रोत जैसे पर्वत, नदियां पेड़-पौधे, समुद्र इत्यादि अनिवार्य हैं । उनके मनोहारी प्राकृतिक दृश्य का चित्र बनाते हुए उनकी अनिवार्यता तथा उपयोगियता के विषय में अपने विचार प्रस्तुत कीजिए । (नोट - A4 शीट पर एक तरफ चित्र बनाएं तथा दूसरी तरफ लेख लिखें)

2) पूरक पुस्तक “बाल महाभारत” में पाठ 1 “देवव्रत” से पाठ 10 “पांडवों की रक्षा” तक पढ़ें । उनमें आने वाले मुख्य पात्रों की सूची बनाएं तथा कठिन शब्दों को लिखें । (नोट - A4 शीट पर करें)

3) करवाया गया समस्त पाठ्यक्रम नियतकालिक परीक्षा 1 हेतु याद करें

**SUBJECT : MATHEMATICS**

**GENERAL INSTRUCTIONS:**

1. The PRACTISE work is to be done in a thin ruled notebook.
2. Models are to be prepared by all students compulsorily.
3. Lab manual activities are to be done in an interleaf practical file.

**PRACTICE! PRACTISE ! PRACTISE!**

**CH- 1 (Integers)**

1. Arrange 8, - 6, 1, 0 and - 3 in ascending order and then mark them on a number line to check your answer.
2. Write down a pair of integers whose
  - (a) Sum is - 5
  - (b) difference is - 8
  - (c) difference is 7
3. Verify  $(-30) \times [13+(-3)] = (-30) \times 10 = -300$
4. Find (a)  $125 \div (-25)$  (b)  $80 \div (-5)$
5. Is  $a \div (-1) = -a$ ? for any integer  $a$ . Take different values of  $a$  and check

6. Why  $a \div 0$  is not defined?

### **CH- 2 (Fractions and Decimals)**

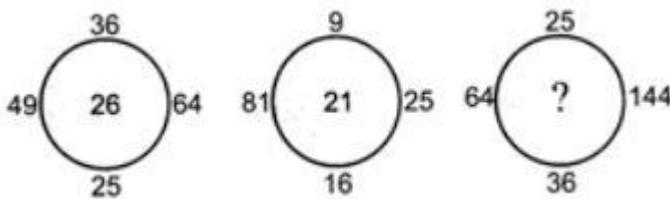
1. Ram solved  $\frac{2}{7}$  part of an exercise while Shyam  $\frac{4}{5}$  solved of it. Who solved lesser part?
2. How do we find  $\frac{1}{3}$  of a whole?
3. Find (a)  $6 \div 5\frac{1}{3}$  (b)  $7 \div 2\frac{4}{7}$
4. A four-wheeler covers a distance of 13.5 km in one litre of diesel. How much distance will it cover in 15 litres of diesel?
5. Each side of a regular polygon is 2.5 cm in length. The perimeter of the polygon is 12.5cm. How many sides does the polygon have?
6. The side of an equilateral triangle is 5.3 cm. Find its perimeter.

### **CASE STUDY QUESTIONS**

1. A monkey is there in a 12 m deep well. The monkey wants to jump out of the well. Every time he jumps 3 m and falls back by 1 m. Refer to the given situation answer the following questions:
  - a) In how many jumps will monkey be 1 m above from the well.
  - b) If the number of steps moved up is represented by negative integers and the number of steps moved down by positive integers, represent his moves in part (a) by the given situation
2. On a day of Sunday, Rashmi orders two pizzas, one small and other large pizza. She has to share these pizzas with her friend Roshni. She made 8 slices of the large pizza and 4 slices of the small pizza. She gave one slice of large pizza and two slices of small pizza to Roshni. Rashmi ate two slices of large pizza and one slice of small pizza. Now answer the following questions with the related situation
  - a) Find the fraction of large pizza as well as small pizza given to Roshni?
  - b) What fraction of large pizza and small pizza left with them after eating?

### **LOGICAL REASONING QUESTIONS**

1. Find the number which replaces the question mark.



2. Sonal remembers visiting her aunt on a Friday after the 25th of the month. If the 6th day of that month was a Sunday, then determine the day Sonal visited her aunt?
3. Rohan is taller than Hardev who is shorter than Sushil. Nizam is taller than Hari but shorter than Hardev. Sushil is shorter than Rohan. Who is the tallest?

### **LEARNING BY DOING!!!**

1. Explore more in Mathematics and apply your mathematical skills to learn more by preparing a working Model. Below are some suggestions for you:
  - a. Model on Fraction using hard paper strips
  - b. Model on Number games
  - c. Model of Parallel lines and Transverse
  - d. Model of Symmetry
2. Do any three Lab manual activities (from lab manual Army addition) related to chapter Integer, Fraction and Decimals and Data Handling.

### **SUBJECT : SCIENCE**

1. Do revision of ch1 & ch 2.
2. Visit a green house near your place. Observe how the amount of light, water and carbon dioxide are regulated to grow the plants.
  - Prepare a report on advantages and disadvantages of greenhouse farming.
  - Paste pictures of any five plants that are grown in green house.
3. Paste pictures and write functions of various glands that help in digestion of food.
4. Write a short note on PETA and Peace silk.
5. Visit a dentist and collect following information
  - Types of teeth and their function.
  - Number of teeth present in children and adult.
  - Dental formula
  - Food important for healthy teeth and gums.
  - Dental hygiene
6. Write experiment 1.1, 1.2 and 2.1 in a practical file.  
\*\*\*Q2,3,4 and 5 to be done in scrapbook

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

1. Make collage of Delhi on sultans on A4 sheet. (Ref Hist CH-3)
2. Our changing the Earth, Draw life cycle of river on A4 sheet. (Ref Geog CH-3)
3. Learn the Que/Ans of lessons completed.
4. Draw a Desert ecosystem by including the following : (Ref Geog CH-1)  
Camels, Vulture, Cactus, Sand, Oasis etc. (A4 sheet)

### **SUBJECT : COMPUTER**

1. Make a colorful and decorative Chart on the topic assigned as follows.

<b>ROLLNO</b>	<b>TOPIC</b>
<b>1-10</b>	Any Search engine
<b>11-20</b>	Any Social Networking Website
<b>21-30</b>	Any Gaming Website
<b>31-40</b>	to compare features of smart phones of any four Leading companies.
<b>41 ONWARDS</b>	to show the use of multimedia in different areas of day to day life

2. Make a Presentation on “Number System”.

### **SUBJECT : SANSKRIT**

- 1) रुचिरा भाग -2 अभ्यास -पुस्तिका के पाठ 1,2,3 को अभ्यास - पुस्तिका में ही करें ।
  - 2) A-4 शीट पर दस भोजन पदार्थों के नाम चित्र सहित संस्कृत में लिखिए और उनको सरल संस्कृत वाक्यों में प्रयोग कीजिए ।
  - 3) A-4 शीट पर ' मम - परिचयः ' विषय पर 5 वाक्य संस्कृत में सजाकर लिखिए ।
  - 4) करवाया गया सम्पूर्ण पाठ्यक्रम नियतकालिक परीक्षा-1 हेतु तैयार करें ।
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**SUBJECT : ART & CRAFT**

- 10 OBJECT Drawing with the help of cubes and cuboids.
- 1 Landscape with pencil shading or oil pastel colours.