

**SARASWATI INTER COLLEGE  
HOLIDAYS' HOMEWORK  
SESSION 2025-26  
CLASS – VII**



**GENERAL KNOWLEDGE**

- 1 - Write and Learn state and capital name
- 2- Make India map
- 3- write about current scenarios of the world and India in 10 points.

**COMPUTER**

1. Research and Write (Theory Work)
  - a. What is a Computer? Write its definition and any 5 characteristics.
  - b. What are Input and Output Devices? Give 5 examples of each.
  - c. What is the difference between Hardware and Software? Write with examples.
  - d. What is an Operating System? Name any 3 operating systems.
  - e. What are the uses of computers in the following areas:

Education

Health

Entertainment

Business

Communication

## 2. Fun With MS Word (Practical Work)

- a. Create a cover page of your "Computer Holiday Homework" using text formatting, borders, and shapes.
- b. Type a paragraph about "My Dream Computer" and insert a relevant image.
- c. Make a table showing 5 Input Devices, 5 Output Devices, and 5 Storage Devices.

(If you don't have a computer at home, write these tasks neatly in your notebook.)

## 3. Creative Task

Make a colorful chart or collage on Types of Computers (e.g., Supercomputer, Laptop, Desktop, Tablet, etc.) using cut-outs from old magazines or drawings.

## 4. Crossword Puzzle (Optional Bonus Task)

Make a crossword puzzle or word search using computer-related terms (like mouse, CPU, monitor, etc.) and solve it yourself.

## **SCIENCE**

- \* Draw a labelled diagram of photosynthesis
- \* Make 5 questions with answers out of chapter - 1 and 3 ( do it in practice Note book)

## **HINDI**

- 1) 20- विलोम शब्द लिखो
- 2) 20 पर्यायवाची शब्द लिखिए
- 3) पत्र लेखन - अपने प्रधानाचार्य को छात्रवृत्ति के लिए प्रार्थना पत्र लिखे।
- 4) निबंध लेखन - राजभाषा 'हिन्दी का महत्व' (150 words)

***NOTE- All work to be done in a separate project file. No work to be done in hindi notebook.***

## **ENGLISH**

### **Reader Section**

#### 1.1 The Golden Fish

Write the summary of the story in your own words.

#### 1.2 The Rebel

Write 10 lines about what makes a person a "rebel".

#### 2.1 Keeping Fit

Write a paragraph on the importance of exercise.

Prepare a chart of 5 healthy habits mentioned in the chapter.

## **Grammar Section**

Create 5 sentences for each type: Statement, Question, Exclamation, Command.

Identify and underline phrases and clauses in 10 given sentences.

Form 10 grammatically correct sentences using determiners (some, any, many, much, etc.).

Write definitions with 5 examples each for: Noun and Pronoun.

## **SOCIAL SCIENCE**

**Geography** – Chapter 1: Environment

Draw and label components of the natural environment.

Write a paragraph on how human activities affect the environment.

**History** – Chapter 1: Tracing Changes Through a Thousand Years

Create a timeline of at least 5 important historical events mentioned in the chapter.

Write short notes on the terms: Archives, Manuscripts.

**Civics** – Chapter 1: On Equality

Write a short essay on "Why equality is important in a democracy".

Create a role-play script based on an incident showing inequality and its solution.

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## **DRAWING**

Create One decorative item using recycled materials like paper, plastic bottles, cardboard, or mirrors.

## **संस्कृत**

- \*1 से 50 तक गिनती (संख्या) काँपी में लिखें व याद करें।
- \*पांच पशुओं के नाम व पांच पक्षियों के नाम काँपी में लिखें व याद करें।
- \*संस्कृत पाठ 1 व 2 के चित्र काँपी में बनाएं व शब्दार्थ लिखें।
- .

**MATHEMATICS HOMEWORK IS ON NEXT PAGE.**

## MATHEMATICS HOLIDAYS' HOMEWORK

1  $(-43) \times (-99) + 43$  is equal to 1  
(A) 4300 (B) -4300 (C) 4257 (D) -4214

2 Which of the following is not true? 1  
(A) Integers are closed under addition.  
(B) Integers are closed under subtraction.  
(C) Integers are closed under multiplication.  
(D) Integers are closed under division.

3 The value of  $(-5) \div (-1)$  lies between 1  
(A) 0 and -10 (B) 0 and 10 (C) -5 and -15 (D) -5 and 5

4 The next number in the pattern -62, -37, -12 \_\_\_\_\_ is 1  
(a) 25 (b) 13 (c) 0 (d) -13

5 Which of the following is the additive inverse of a ? 1  
(A)  $-(-a)$  (B)  $-a \times (-1)$  (C)  $-a$  (D)  $-a \div (-1)$

6 Write down a pair of integers whose 2  
(a) sum is -2 (b) difference is -15

7 An elevator descends into a mine shaft at the rate of 5 m/min. If the descent starts from 15 m above the ground level, how long will it take to reach -365 m. 2

8 Match the integer in Column I to an integer in Column II so that the sum is between -11 and -4 2

Column I	Column II
(a) -6	(i) -11
(b) +1	(ii) -5
(c) +7	(iii) +1
(d) -2	(iv) -13

9 Evaluate each of the following: 2  
**(a)**  $13 \div [(-2) + 1]$   
**(b)**  $(-3) \times (-6) \times (-2) \times (-1)$

10 If  $\Delta$  is an operation such that for integers  $a$  and  $b$  we have  $a \Delta b = a \times a + b \times b - a \times b$ , then find  $(-3) \Delta 2$ . 3

11 The table given below shows the elevations relative to sea level of four locations. 4  
Taking sea level as zero, answer the following questions:

Elevation level as zero, answer the following questions	
Location	Elevation (in m)
A	-180
B	1600
C	-55
D	3200

(a) Which location is closest to sea level?  
 (b) Which location is farthest from sea level?  
 (c) Arrange the locations from the least to the greatest elevation.

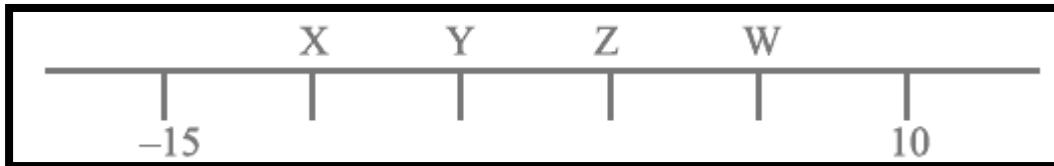
1 Which of the following shows the maximum rise in temperature? 1  
 (A)  $23^\circ$  to  $32^\circ$  (B)  $-17^\circ$  to  $0^\circ$  (C)  $-19^\circ$  to  $-12^\circ$  (D)  $-6^\circ$  to  $6^\circ$

2 On the number line, the value of  $(-4) \times 4$  lies on right hand side of 1  
 (A) -20 (B) -4 (C) 0 (D) 9

3 Which of the following statements is not true? 1  
 (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.

4  $(-11) \times (-7)$  is equal to 1  
 (A)  $11 \times (-7)$  (B)  $-(11 \times 7)$  (C)  $(+11) \times (+7)$  (D)  $7 \times (-11)$

5 On the following number line value 'Zero' is shown by the point 1



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

6 Madhav is standing in the middle of a bridge which is 20 m above the water level of a river. If a 35 m deep river is flowing under the bridge , then find the vertical distance between the foot of Madhav and bottom level of the river . 2

7 Write down a pair of integers whose  
 (a) sum is -6 (b) difference is -11 2

8 If  $a$  is an integer other than 1 and  $-1$ , match the following: 2

**Column I**

- (a)  $a \div (-1)$
- (b)  $1 \div (a)$
- (c)  $(-a) \div (-a)$
- (d)  $a \div (+1)$

**Column II**

- (i)  $a$
- (ii) 1
- (iii) Not an integer
- (iv)  $-a$

9 Evaluate each of the following: 2

- (a)  $(-18) \times (-5) \times (-4)$
- (b)  $[-36 \div 12] \div 3$

10 Evaluate the following, using distributive property. 3

- (i)  $-39 \times 99$
- (ii)  $(-85) \times 43 + 43 \times (-15)$
- (iii)  $53 \times (-9) - (-109) \times 53$

11 Remembering that 1AD came immediately after 1BC, while solving these problems take 1BC as  $-1$  and 1AD as  $+1$ . 4

- (a) The Greco-Roman era, when Greece and Rome ruled Egypt started in the year 330 BC and ended in the year 395 AD. How long did this era last?
- (b) Bhaskaracharya was born in the year 1114 AD and died in the year 1185 AD. What was his age when he died?
- (c) Turks ruled Egypt in the year 1517 AD and Queen Nefertis ruled Egypt about 2900 years before the Turks ruled. In what year did she rule?
- (d) Greek mathematician Archimedes lived between 287 BC and 212 BC and Aristotle lived between 380 BC and 322 BC. Who lived during an earlier period?

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