

# SARASWATI DEVI INTERNATIONAL SCHOOL

## Summer vacation home work (2026 - 2027)

Carry- 30 marks

### Part-A (10 marks)

1. English handwritten from any reference (apart from textbook) in 10 pages in **English homework** copy.
2. Second language handwritten from any reference (apart from textbook) in 10 pages in **A4 sheet**.

### Part-B (10 marks)

#### 1. *Portfolio*

- One portfolio pdf shared to your class group. you need to printed it out and fill up these documents. Also attach this portfolio in channel file.

**[Note: A part of internal marks will be based on your portfolio]**

### Part-C (10 marks)

1. 10 Questions from each subject (a. Mathematics b. Science c. SST) given bellow  
[ You need to complete these questions in your **subject's wise homework copy**]

## Science

### BIOLOGY

1. Why is diffusion insufficient to meet the oxygen requirements of multi-cellular organisms like humans?
2. What criteria do we use to decide whether something is alive?
3. What are outside raw materials used for by an organism?

4. What processes would you consider essential for maintaining life?

**PHYSICS**

5. What does an electric circuit mean?

6. Define the unit of current.

7. Calculate the number of electrons constituting one coulomb of charge.

**CHEMISTRY**

8. Why should a magnesium ribbon be cleaned before burning in air?

9. Write the balanced equation for the following chemical reactions.

(i) Hydrogen + Chlorine  $\rightarrow$  Hydrogen chloride

(ii) Barium chloride + Aluminium sulphate  $\rightarrow$  Barium sulphate +  
Aluminium chloride

(iii) Sodium + Water  $\rightarrow$  Sodium hydroxide + Hydrogen

10. Write a balanced chemical equation with state symbols for the following reactions.

(i) Solutions of barium chloride and sodium sulphate in water react to give insoluble barium sulphate and the solution of sodium chloride.

(ii) Sodium hydroxide solution (in water) reacts with hydrochloric acid solution (in water) to produce sodium chloride solution and water.

**SST**

History Question Paper

***Section B: 2-Mark Questions (Short Answer)***

Q1. Define the concept of a nation-state as it emerged in 19th-century Europe.

Q2. What was the main objective of the Treaty of Vienna of 1815?

***Section C: 3-Mark Questions (Short Answer)***

- Q3. Explain any three features of the Civil Code of 1804 (Napoleonic Code) introduced by Napoleon.
- Q4. Describe the role of Giuseppe Mazzini in the unification of Italy.
- Q5. How did the female allegory 'Germania' represent the German nation? Mention two visual elements.
- Q6. Explain how culture played an important role in creating the idea of the nation in Europe.

**Section D: 5-Mark Questions (Long Answer)**

- Q7. Describe the process of the unification of Germany led by Otto von Bismarck.
- Q8. What were the main causes of nationalist tensions in the Balkan region after 1871?
- Q9. "The decade of 1830 was one of great economic hardship in Europe." Support the statement with five arguments.
- Q10. Trace the unique history of the formation of the nation-state in Britain.

**Maths**

1. From the top of a 40 m tower, the angle of depression to a car on the ground is  $30^\circ$ . Find the distance of the car from the base of the tower.
2. A ladder 10 m long leans against a wall making an angle of  $60^\circ$  with the ground. Find the height reached by the ladder on the wall.
3. Two poles of heights 12 m and 20 m stand on level ground. If the distance between them is 16 m, find the angle of elevation of the top of the taller pole from the top of the shorter pole.
4. If  $\sqrt{2}$  is irrational, prove that  $5\sqrt{2}$  is also irrational.
5. Using Euclid's division algorithm, find the HCF of 252 and 198.
6. Show that the number  $7^3 \times 5^2 \times 11$  is a composite number.

7. Find the zeros of the polynomial  $p(x) = x^2 - 7x + 12$
8. Divide the polynomial  $2x^3 + 3x^2 - 11x - 6$   
by  $(x-2)$
9. If one zero of the polynomials  $x^2 - 5x + k$   
is 2, find the value of  $k$ .
- 10.** The sum of zeros of a quadratic polynomial is 8 and the  
product is 12. Form the polynomial.

# Saraswati Devi International School

CBSE Affiliation No:2430231 School Code 15702

## Portfolio of students Class IX- X/ XI/XII

### Index

Sl. No	Content	Page No
1.	My Introduction, Purpose and Focus	2
2.	My Goals	2
3.	Entries (Subject Specific), weekly tests	3
4.	Class work (Note Book Correction/ Aptitude test/ weekly test/ any other to be recorded by teachers)	4
5.	Subject Sequence;	5- 12
	a. English	
	b. 2 <sup>nd</sup> Language	
	c. Mathematics	
	d. Science	
	e. Social Science	
	f. Computer science/ A.I. / STEM	
	g. Health Record & Hygiene	
	h. Attendance Record	
	i. Discipline and Behavioural Record	
6.	Port Folio Evaluation	13
7.	Peer Feedback (Assessment)	14
8.	Class Teacher's Assessment	15
9.	Self-Assessment	15
10.	Summery	16

Address : Damodarpur, Puabagan, Bankura, West Bengal, PIN-722146

Web.: [www.sdisbankura.in](http://www.sdisbankura.in)

Mail : [sdisbankura@gmail.com](mailto:sdisbankura@gmail.com)

## WELCOME TO MY PORTFOLIO



I am \_\_\_\_\_

bearing admission No \_\_\_\_\_ in SDIS, Bankura and

reading in Grade \_\_\_\_\_.

Email ID: \_\_\_\_\_ Blood Group: \_\_\_\_\_

Contact No: Father: \_\_\_\_\_ and Mother: \_\_\_\_\_

Address: \_\_\_\_\_

Student Aadhaar No:

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

### What I understand by portfolio:

---

---

---

---

---

---

---

---

### My Goals :

---

---

---

---

---

---

---

---

### In the end my portfolio will reflect my abilities:

---

---

---

---

---

---

---

---

---

---

### Record of Weekly Test

Subject	Date	Marks	Signatures by Students	Signature by Parents	Signature by Teachers
English		/			
		/			
		/			
		/			
2 <sup>nd</sup> Language		/			
		/			
		/			
		/			
Maths		/			
		/			
		/			
		/			
Science		/			
		/			
		/			
		/			
Social Science		/			
		/			
		/			
		/			

## Record of Notebook Correction

Subject : English

Name of the student : \_\_\_\_\_ Class & Sec.: \_\_\_\_\_

### Notebook Correction

Sl. No	Months	CW / HW with Dates and Signature							
1	April								
2	May								
3	June								
4	July								
5	August								
6	September								
7	October								
8	November								
9	December								
10	January								
11	February								
12	March								

Signature of the Teacher \_\_\_\_\_

## Record of Notebook Correction

**Subject : 2<sup>nd</sup> Language**

Name of the student : \_\_\_\_\_ Class & Sec.: \_\_\_\_\_

### Notebook Correction

Sl. No	Months	CW / HW with Dates and Signature							
1	April								
2	May								
3	June								
4	July								
5	August								
6	September								
7	October								
8	November								
9	December								
10	January								
11	February								
12	March								

Signature of the Teacher \_\_\_\_\_

## Record of Notebook Correction

Subject : Science

Name of the student : \_\_\_\_\_ Class & Sec.: \_\_\_\_\_

### Notebook Correction

Sl. No	Months	CW / HW with Dates and Signature							
1	April								
2	May								
3	June								
4	July								
5	August								
6	September								
7	October								
8	November								
9	December								
10	January								
11	February								
12	March								

Signature of the Teacher \_\_\_\_\_

## Record of Notebook Correction

Subject : Maths

Name of the student : \_\_\_\_\_ Class & Sec.: \_\_\_\_\_

### Notebook Correction

Sl. No	Months	CW / HW with Dates and Signature							
1	April								
2	May								
3	June								
4	July								
5	August								
6	September								
7	October								
8	November								
9	December								
10	January								
11	February								
12	March								

Signature of the Teacher \_\_\_\_\_

## Record of Notebook Correction

Subject : Social Science

Name of the student : \_\_\_\_\_ Class & Sec.: \_\_\_\_\_

### Notebook Correction

Sl. No	Months	CW / HW with Dates and Signature							
1	April								
2	May								
3	June								
4	July								
5	August								
6	September								
7	October								
8	November								
9	December								
10	January								
11	February								
12	March								

Signature of the Teacher \_\_\_\_\_

## PEER ASSESSMENT

Sl. No	Description (Parameters for Assessment)	Round 1	Round 2	Round 3	Total
1	Helps classmates in case of difficulties in academic and personal issues				
2	Seek feedback from teachers and peers for self-improvement				
3	Actively listens and pays attention to others				
4	Sees and appreciates other's point of view				
5	Demonstrates leadership skills, like responsibility, initiative etc.				
6	Is optimistic				
7	If unsuccessful gracefully takes the task again				
8	Supports and empathizes with others				
9	Politely declines - 'say no', when he/she does not want to undertake a task				
10	Is innovative in ideas				
	<b>TT Grand by Self at the end of the year</b>	<b>N/D = N/10X5</b>			<b>N/10</b>
	<b>Name of Peer1/Peer2/Peer3/TT by self</b>				
	<b>Signature of Peer1/Peer2/ Peer3</b>				
	<b>Signature of Class/Subject teacher</b>				

Signature of the Student : \_\_\_\_\_

**Grading scheme for peer assessment :**

1	2	3	4	5
Poor	Fair	Average	Good	Excellent

## Class Teacher Assessment

Sl. No	Description (Parameters for Assessment)	Round 1	Round 2	Round 3	Total N/3
1	Takes initiative to plan create and direct various events				
2	Demonstrate positive attitudes towards learning				
3	Takes suggestions and criticism in the right spirit				
4	Accepts norms and rules of the school				
5	Feels free to ask questions				
6	Respect ideas and opinion of others				
7	Treats classmates as equal, without any sense of superiority or inferiority				
8	Does not bully others				
9	Shares credit and praise with team members and peers				
10	Participates eagerly in intra school /inter school events				
	<b>Grand TT</b>	<b>N/D = N/10X5</b>			<b>N/15</b>
	<b>Signature of the Teacher</b>				

Signature of the Student : \_\_\_\_\_

**Grading scheme for peer assessment :**

1	2	3	4	5
Poor	Fair	Average	Good	Excellent

## Self Assessment

Sl. No	Description	Round 1	Round 2	Round 3	Total N/3
1	Attaches a lot of importance to school activities and programmes				
2	Shoulders responsibility happily				
3	Takes cares of school property				
4	Respect teachers and school rules.				
5	Sensitive and concerned about environmental degradation				
6	Kind and helpful towards classmates, people of community				
7	Experiments to find new solution				
8	Analyses and critically evaluate events on the basis of data and information				
9	Questions and verifies knowledge				

Signature of the Student : \_\_\_\_\_

**Parameters :**

1	2	3	4	5
Poor	Fair	Average	Good	Excellent

LEARNING REDEFINED

***My Accomplishment / Achievements (If any):***

***Development in my Strengths :***

***I need to work on :***

Signature of the Student : \_\_\_\_\_