— LEARNING REDEFINED —

SARASWATI DEVI INTERNATIONAL SCHOOL
BANKURA

Class : IX

Paubagan, Damodarpur, Bankura, West Bengal

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SUBJECT	DESCRIPTION
ENGLISH	**1. 15 PAGES HANDWRITING** TO BE DONE IN THE HOMEWORK NOTEBOOK **2.AUTOBIOGRAPHY** WORD LIMIT- 800- 1500 WORDS TO BE DONE IN A SPIRAL FILE USING A-4 SIZE1.YOUR IDENTITY **POINTS TO INCLUDE** 1.YOUR QUALITIES AS A PERSON 2.DAILY LIFESTYLE AND VALUES INCULCATED 3.YOUR OPINION ABOUT THE PRESENT GENERATION 4.VISION OF LIFE AND. PLAN TO ACHIEVE THE SAME 5.EXPECTATION FROM TEACHERS, SCHOOL, PARENTS AND FRIENDS 6.YOUR DREAM SCHOOL. **LAST DATE OF SUBMISSION 12/6/2025**
SOCIAL STUDIES	**1.On the outline political map of India locate the following:** ***Mountain Ranges -** The Karakoram, The Zaskar, The Shivalik, The Aravali, The Vindhya, The Satpura, Western & Eastern Ghats. ***Mountain Peaks -** K2, Kanchenjunga, Anai Mudi. ***Plateau -** Deccan Plateau, Chhota Nagpur Plateau, Malwa Plateau. ***Important rivers** from North and South India which are famous for its reach alluvial deposits. ***Countries** who are part of Indian subcontinent. *Major physical features of India **2. Why does India use standard Meridian? What is the standard Meridian of India?** **3. Elaborate French society structure in the 18th century?** **4. Name any three non-farm activities that were performed by the people of Palampur.** **5. What was jacobin club?**

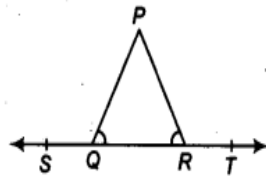|	
	6. Why is that the Northern plain the most populated and Island is moderately populated? **7. Who was King Louis XVI? How did he agree for a constitutional monarchy?**
MATHS	(1) Find five rational numbers between 3/5 and 4/5. (2) Represent $\sqrt{9.3}$ on the number line. (3) What is the value of $(256)^{0.16} \times (256)^{0.09}$? (4) Which of the following expressions are polynomials in one variable and which are not? State reasons for your answer. (i) $4x^2 - 3x + 7$ (ii) $y^2 + \sqrt{2}$ (iii) $3\sqrt{t} + t\sqrt{2}$ (iv) $y + 2y$ (v) $x^{10} + y^3 + t^{50}$ (5) Find the zero of the polynomial in each of the following cases (i) $p(x) = x + 5$ (ii) $p(x) = x - 5$ (iii) $p(x) = 2x + 5$ (iv) $p(x) = 3x - 2$ (v) $p(x) = 3x$ (vi) $p(x) = ax$, $a \neq 0$ (vii) $p(x) = cx + d$, $c \neq 0$ where c and d are real numbers. (6) Find the remainder when $x^3 + 3x^2 + 3x + 1$ is divided by (i) $x + 1$ (ii) $x - 12$ (iii) x (iv) $x + \pi$ (v) $5 + 2x$ (7) Use the Factor Theorem to determine whether g(x) is a factor of p(x) in each of the following cases (i) $p(x) = 2x^3 + x^2 - 2x - 1$, $g(x) = x + 1$ (ii) $p(x) = x^3 + 3x^2 + 3x + 1$, $g(x) = x + 2$ (iii) $p(x) = x^3 - 4x^2 + x + 6$, $g(x) = x - 3$

(8) Find the value of k, if x – 1 is a factor of p (x) in each of the following cases
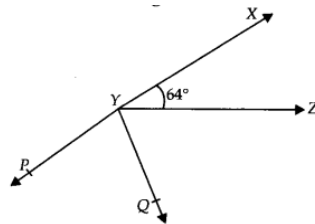(i) p (x) = x^2 + x + k
(ii) p (x) = $2x^2$ + kx + $\sqrt{2}$
(iii) p (x) = kx^2 – $\sqrt{2}$ x + 1

(9) In figure, ∠PQR = ∠PRQ, then prove that ∠PQS = ∠PRT.

(10) It is given that ∠XYZ = 64° and XY is produced to point P. Draw a figure from the given information. If ray YQ bisects ∠ZYP, find ∠XYQ and reflex ∠QYP.
Solution:
XYP is a straight line.

CHEMISTRY :

Question 1.
(a) Tabulate the differences in the characteristics of states of matter.
(b) Comment upon the following: rigidity, compressibility, fluidity, filling a gas container, shape, kinetic energy and density.

Question.2. What is the physical state of water at:
(a) 250°C (b) 100°C
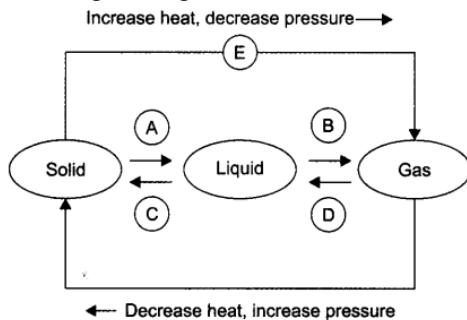Convert the following temperature to Celsius scale:
(a) 300 K (b) 573 K

Question. 3 : Give reason for the following observations.
(a) Naphthalene balls disappear with time without leaving any solid.
(b) We can get the smell of perfume sitting several metres away.

Question. 4 : What are the characteristics of the particles of matter?

Question. 5: Name A, B, C, D, E and F in the following diagram showing change in its state

Increase heat, decrease pressure⟶

E

A

B

Solid   Liquid   Gas

C

D

← Decrease heat, increase pressure

PHYSICS :

Q1. A farmer moves along the boundary of a square field of side 10 m in 40 s. What will be the magnitude of displacement of the farmer at the end of 2 minutes 20 seconds from his initial position?

Q2. Which of the following is true for displacement? (a) It cannot be zero. (b) Its magnitude is greater than the distance traveled by the object.

Q3. During an experiment, a signal from a spaceship reached the ground station in five minutes. What was the distance of the spaceship from the ground station? The signal travels at the speed of light, that is 3×10^8 ms^{-1}

Q4. A motorboat starting from rest on a lake accelerates in a straight line at a constant rate of 3.0 ms^{-2} for 8.0 s. How far does the boat travel during this time?

Q5. A ball is gently dropped from a height of 20 m. If its velocity increases uniformly at the rate of 10 ms^{-2}, with what velocity will it strike the ground? After what time will it strike the ground?

BIOLOGY :

Q1. Fill in the gaps in the following table illustrating differences between prokaryotic and eukaryotic cells.

Q2. Make a comparison and write down ways in which plant cells are also different from animal cells.

Q3. What is osmosis? How does Amoeba obtain it's food?

	Q4. Why the plasma membrane is called a selectively permeable membrane? **Q5.** Make a comparison and write down ways in which plant cells are different from animal cells.
HINDI	हिन्दी साहित्य :-(15 पृष्ट की हस्तलेखन अभ्यास) समृति कहानी को शुद्ध और स्पष्ट हस्तलेख में अपनी व्याकरण की कॉपी में लिखिए । हिन्दी व्याकरण :- समय का सदुपयोग (150- 200 शब्द में) **LAST DATE OF SUBMISSION 12/6/2025**
INFORMATION TECHNOLOGY	**INFORMATION TECHNOLOGY (402)** Dear students Design a beautiful project file for Information Technology (402) subject and keep all the A4 size sheet and project work in the file. **Part – A (Research work)** Note: Do the following Homework on A-4 size sheet and keep the sheets in Project file. ➢ Draw a neat diagram of Input devices and explain its usage. ➢ Draw a neat diagram of Output devices and explain its usage. ➢ Explain the difference between Primary memory and Secondary memory ➢ List and explain any 5 areas where ICT is used or helpful. ➢ Define the following terms in context to Internet: ❖ Website ❖ Web page ❖ Home page ❖ Search Engine **Part – B (Project Work)** What to do: Design a poster on the topic "Make in India" in MS WORD. Where to do: Do the work on computer and take the print out and keep in the project

file. Your Name Class and Section should be there.
Parameters: Creativity, Originality, Overall presentation
Part – C (Project Work)
Make a PPT on the given ACTIVITY 1 and take the colour print out and keep in the
project file.
** You can take the help of Internet

BENGALI

15 PAGES HANDWRITING ON A4 RULED SHEET/ HANDWRITING BOOK.[WRITE IN BEAUTIFUL HANDWRITING]

১)প্রতিবেদন রচনা লেখোঃ

 ক)বিদ্যালয়ের একটি সাংস্কৃতিক অনুষ্ঠান বিষয়ে একটি প্রতিবেদন রচনা করো।(Write within two pages)

খ)নিত্য প্রয়োজনীয় দ্রব্যের মূল্য উর্ধ্বমুখী–এ বিষয়ে সংবাদপত্রের জন্য একটি প্রতিবেদন রচনা করো।(Write within two pages)

২)নীচের প্রশ্নগুলির উত্তর লেখো–

[Write the answer to each question on two pages]

ক)"বিধবা এই প্রস্তাবে সহজেই সম্মত হইলেন" –বিধবা বলতে কাকে বোঝানো হয়েছে? প্রস্তাবটি কী ছিল? তার সম্মত হওয়ার কারণ কী?

খ)ছুটি গল্পে ফটিকের চরিত্র বৈশিষ্ট্য আলোচনা করো।

গ)"মা,এখন আমার ছুটি হয়েছে —মা,এখন আমি বাড়ি যাচ্ছি" –বক্তা কে? কাকে উদ্দেশ্য করে কখন বলেছে? আলোচ্য অংশের তাৎপর্য কী?

ঘ)"এই খেয়া চিরদিন চলে নদীস্রোতে" –কার লেখা,কোন কবিতার অন্তর্গত? কোন্ খেয়ার কথা বলা হয়েছে? চিরদিন চলে নদীস্রোতে বলতে কী বোঝ?

ঙ)"সোনার মুকুট কত ফুটে আর টুটে" –কার লেখা,কোন কবিতার অংশ? সোনার মুকুট বলতে কী বোঝানো হয়েছে? আলোচ্য অংশের তাৎপর্য কী?

Note:

- **Students must submit their holiday homework as marks will be added to your internal assessment in Term End examination.**
- **Last date of submission 13th June 2025(Friday)**

Saraswati Devi International School, Bankura, WB

Co-Educational, English Medium, Sr. Secondary School, Affiliated To CBSE, Aff No: 2430231

DATE SHEET OF PA1 EXAM , 2025-26

TIME: (09:00-10:00)	02-07-2025 Wednesday	03-07-2025 Thursday	04-07-2025 Friday	07-07-2025 Monday	08-07-2025 Tuesday	09-07-2025 Wednesday	10-07-2025 Thursday
STD-VI	ENGLISH	SST	MATH	SCIENCE	2ND LANG	IT	
STD-VII	SST	2ND LANG	MATHS	ENGLISH	SCIENCE		
STD-VIII	SCIENCE	ENGLISH	2ND LANG	MATH	SST		
STD-IX	ENGLISH	SCIENCE	SST	2ND LANG	MATH	IT	
STD-X	MATH	SST	2ND LANG	ENGLISH	SCIENCE	IT	

* Exam Hours : 1hr 30minutes   Full Marks = 40

* There will be regular classes after examination.

Next Regular Weekly Test (MCQ) on 10th June, Subject- English, FM-20