



RAMAKRISHNA SENIOR SECONDARY SCHOOL

★ Excellence in Education, Values for Life ★

A Great
Place to Learn,
A Bright Future
to Build!



Where Knowledge Blossoms
and Dreams Take Flight."

- LEARN
- GROW
- ACHIEVE
- INSPIRE



SESSION
2026-27

SUMMER Break

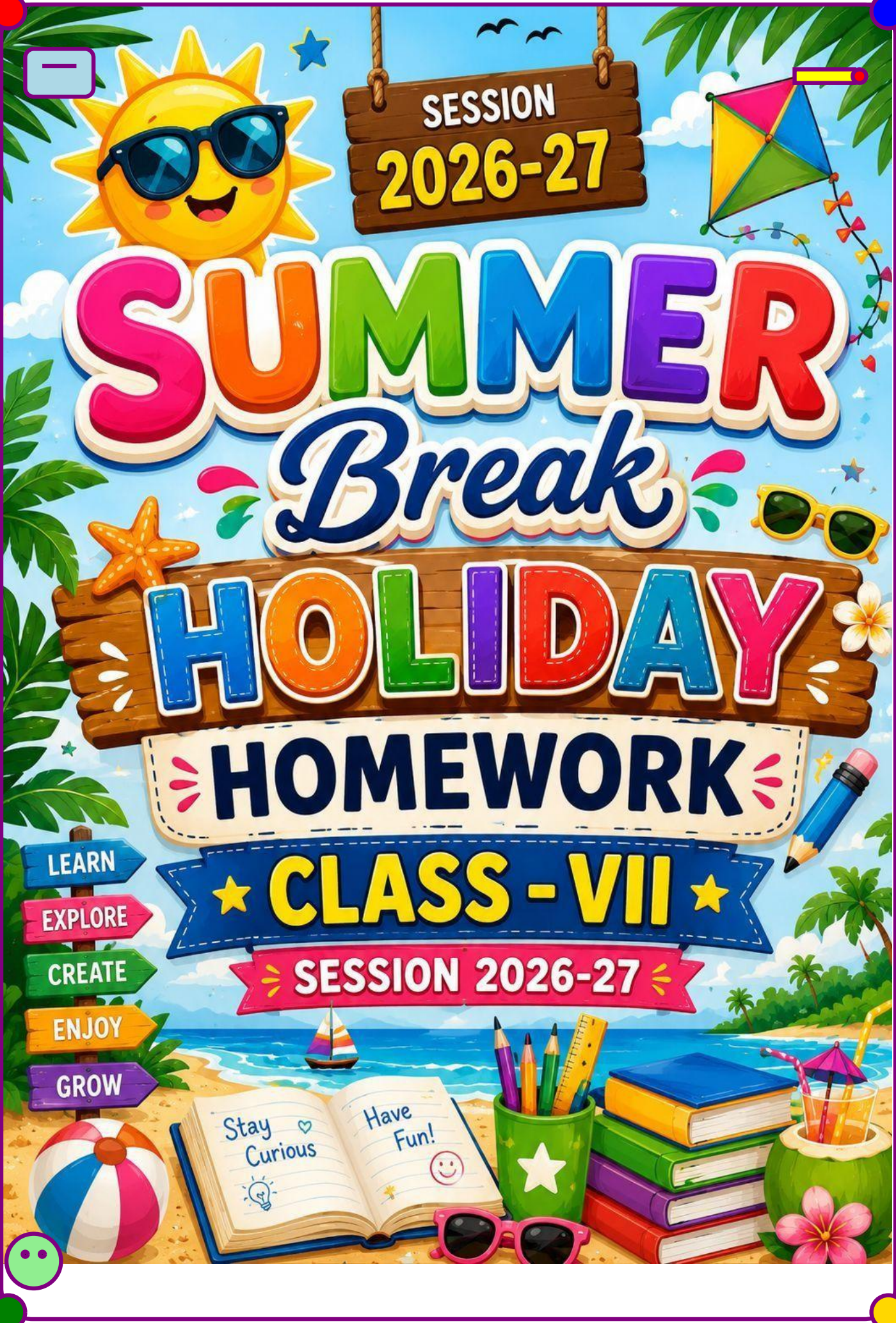
HOLIDAY

HOMework

★ CLASS - VII ★

SESSION 2026-27

- LEARN
- EXPLORE
- CREATE
- ENJOY
- GROW





Dear Parents,
Greetings from the RKS Fraternity!

GENERAL INSTRUCTIONS

The Academic Session 2026–27 has begun in full swing, and the students have settled well into their classes.

Now it is time for the Summer Break. The school will remain closed for Summer Break for Classes LKG to VIII from May 17, 2026 to June 30, 2026, and will reopen on July 1, 2026. Summer vacations are the most awaited holidays for students. It is also a time to enjoy the little pleasures of life that often get overlooked during the busy school routine. Students return to school refreshed and rejuvenated after a much-needed break.

There are a few things that students can keep in mind to utilize this break fruitfully:

1. Go for educational trips and excursions.
2. Spend quality time with family and friends.
3. Pursue your hobbies and interests.
4. Sharpen your existing skills and develop new ones.
5. Follow a fitness regime to stay agile both mentally and physically.
6. Learn and explore new things.
7. Relax your body and mind because, "A Healthy Mind Lives in a Healthy Body."
8. Develop the habit of reading books, newspapers, and magazines.
9. Revise important concepts learnt during the session to strengthen understanding.
10. Limit excessive screen time and use digital devices wisely.
11. Practice good manners, discipline, and positive behaviour at home and outside.
12. Stay safe and follow necessary precautions while travelling or engaging in outdoor activities. In order to keep our students meaningfully engaged, Summer Holiday Homework will be available on the school website: www.rks.net.in

"We wish all our students a
delightful, safe, and
productive Summer Break!"

Regards Principal

ENGLISH

1) “One Photo – One Story”

“One Photo – One Story” is a creative English activity in which you choose a photograph and write an original story based on it.

What You Have to Do:

- Pick one interesting photograph:
 - Family photo
 - Nature picture
 - Old photograph
 - Newspaper image
 - Travel picture
 - Any emotional or mysterious image
- Paste or draw the photograph on a project page.
- Observe the picture carefully and imagine:
 - Who are the people?
 - What happened before the photo was taken?
 - What is happening now?
 - What may happen next?
 - What emotions are shown?
- Write a story (150–200 words) in your notebook.
- Give your story an interesting title.

2) Space Travel Brochure

Make a colourful travel brochure on:

“Visit Jupiter – The Biggest Planet!”

Include: Tourist attractions, Best time to visit, Space hotels, Fun activities or any other interesting details

3) Advertisement Activity: Design an advertisement for any one of the following:

- A chocolate
- A school bag
- A summer camp
- A toy

Instructions: Use catchy slogans. Make it on an A4-size sheet.

4) Learn the Syllabus for PT-1

Revise and learn the complete syllabus for PT-1.

HINDI

हिंदी

- 1- प्रकृति पर चित्र सहित एक कविता लिखें। (हिन्दी की कॉपी में कीजिए)
- 2- विषय संवर्धक कार्यकलाप - मोटरसाइकिल का चित्र बनाकर 'यदि मैं मोटरसाइकिल होता' विषय पर एक रोचक अनुच्छेद लिखिए। (हिन्दी की कॉपी में कीजिए)
- 3- प्रतिदिन अखबार पढ़ें।
- 4- पर्यायवाची (11-20), विलोम (11-20), अनेकार्थी (11-20), वाक्यांश के लिए एक शब्द (11-20) हिन्दी कॉपी में कीजिए।
- 5- प्रथम आवधिक परीक्षा का पाठ्यक्रम याद करें।

घरोहर- पाठ-1,2,4

व्याकरण

पाठ - 1 भाषा, लिपि और व्याकरण

पाठ - 2 वर्ण विचार

पाठ -4 शब्द विचार

पाठ - 7 संज्ञा

पाठ - 5 शब्द-भंडार [पर्यायवाची(1-10), विलोम शब्द. (1-10), वाक्यांश के लिए एक शब्द(1-10), अनेकार्थी(1-10) , भिन्नार्थक(1-10)]

अनुच्छेद, अपठित गद्यांश

सरस कहानियां - पाठ- 1, 2

MATHEMATICS

1. Revise PT – 1 Syllabus.

Chapter – 1: Large numbers around us Chapter –

2: Number play

Chapter – 9: Lines and Angles

2. Do Subject Enrichment Activity in Mathematics Algebra Notebook:

Activity: Make 5 magic squares on A4 Size Coloured sheet.

MAGIC SQUARE

- A magic square is an arrangement of numbers where every row, column, and diagonal have the same sum.

Steps:

- Draw a 3×3 box.
- Write 1 in the top middle box.
- Move up and right for the next number.
- If the box is filled, move down instead.
- Continue till 1–9 are filled.

3. Get printouts of following worksheets, complete it and paste it in your Mathematics Algebra Notebook.

ASSIGNMENT ON COMPUTATIONAL THINKING

CHAPTER – 1: LARGE NUMBERS AROUND US

1. „X“ is a 6-digit number formed using exactly three different digits. One of the digits appears once, another appears twice, and the third appears three times. When 2 lakhs are added to „X“, the resulting number „Y“ is still a 6-digit number. What is the highest possible value of „Y“?

a) 977889

b) 999999

c) 999988

d) 999887

2. What is the product of all the numbers on a telephone dial-pad?

a) 12345
of these

b) 32451

c) 362880

d) None

3. Sam forms two different 6-digit numbers, X and Y, using digits from 0 to 9 (without repetition within a number). Exactly two digits are common between X and Y.

The digit 9 appears in the same position in both numbers

- Y ends with 0, has only one even digit, and its digits are arranged in descending order
- 6 is present in X, and the number of even digits on its left is equal to the number of even digits on its right

If X is the largest possible number, what is the difference between X and Y?

- a) 9310 b) 9210 c) 8420 d) 8310

4. If each of the rows follows the same theme, what will come in place of “?”

$\boxed{1 \text{ } \bullet \text{ } 8 \text{ } \bullet \text{ } 2 \text{ } \bullet} > \boxed{1 \text{ } \bullet \text{ } \bullet \text{ } 8 \text{ } 2 \text{ } \bullet}$	$\bullet \leq 7$
$\boxed{\bullet \bullet 3 5 \bullet 7} < \boxed{\bullet 3 5 \bullet \bullet 7}$	$\bullet \leq 3$
$\boxed{\bullet 9 6 \bullet 3 \bullet} > \boxed{\bullet 9 6 \bullet \bullet 3}$	$\bullet \leq 2$
$\boxed{\bullet \bullet 5 0 6 \bullet} < \boxed{\bullet 5 \bullet 6 0 \bullet}$?

- a) $\bullet \leq 6$ b) $\bullet \leq 4$ c) $\bullet \leq 5$ d) $\bullet \leq 9$

5. What will come in place of “?”

Creore - re	→	00000
Million - ion	→	000
Thousand - d	→	00
Billion - llion	→	0000
Lakh - kh	→	?

- a) 0 b) 00 c) 000 d) 0000

6. Six number tokens are given. Rearrange them to form a 6-digit number such that:

- The difference between the first and last digits is as small as possible
- The hundreds digit is double the thousands digit
- No consecutive digits appear next to each other
- All given tokens must be used exactly once

How many different 6-digit numbers between 2 lakhs and 8 lakhs can be formed under these conditions?

LEFT **2** **5** **8** **1** **4** **7** RIGHT

Number Formed _____

- a) 1 b) 2 c) 3 d) More than 3

7. Two five-digits numbers are formed using different digits from 0 to 9. Both

numbers have some digits missing, as shown below:

Number 1: 1 9

Number 2: 4 6

No two consecutive digits of the number series are present in the same number. What is the maximum possible difference of the numbers formed?

- a) 47525 b) 52663 c) 52429 d) 46733

8. A, B, C, D, and E each have a different number card among one hundred, one thousand, ten thousand, one lakh, and ten lakhs.

- C has an even number of zeros in his number
- A's number has 2 zeros less than C's number
- D's number has 4 zeros more than A's number
- The number of zeros in B is more than that of

A but less than C Which number card does E have?

- a) One thousand lakh b) Ten thousand c) One lakh d) Ten

9. 4 friends, Alex, Bob, Calvin and David have a different profession – Doctor, Lawyer, Cricketer, and Engineer and earn a different salary – ₹40,000, ₹50,000, ₹60,000 and ₹70,000 per year. (not necessarily in the same order)

- The cricketer earns the highest
- Alex earns more than Bob, while the doctor earns more than David, who is the engineer
- Bob is the lawyer, and neither Bob nor David has an exact salary of ₹50,000 Which of these options shows the correct profession and salary of Calvin?

- a) Cricketer - ₹70,000 b) Doctor - ₹60,000 c) Doctor - ₹50,000 d) Doctor - ₹40,000

10. The following are the clues to the 6-digit password

of Nisha's laptop: 35 tens

31 thousands

25 ones

423 hundreds

14 ten thousands

What is Nisha's password?

- a) 213625 b) 203675 c) 212375 d) 213675

5. Using the digits 1, 2, 3, and 4, form the highest and the smallest three-digit numbers such that each number contains exactly two different digits. What is the sum of the two numbers formed?

- a) 545 b) 555 c) 565 d) 575

6. A 2-digit number is formed using two different digits, and the digits are reversed to create another 2-digit number. The difference between these 2 numbers CANNOT be:

- a) An even number integer b) An odd number c) A prime number d) An

7. A four-digit number has the same number of even and odd digits. Which of the following could possibly be the sum of the digits of this number?

- a) 11 these b) 15 c) 20 d) All of

8. The given grid is to be filled with distinct single-digit natural numbers such that:

- The sum of each row is the same and is an even number
 - The larger number in each column is placed in the red block
- What is the sum of the numbers in the white blocks?

		7
4	8	

- a) 16 b) 17 c) 15 d) 20

9. A computer generates rectangles where the length and breadth (dimensions) follow a series. If the pattern continues, what will be the area of the next rectangle the computer should draw?

$2 \times 3, 3 \times 5, 5 \times 8, 8 \times 13, 13 \times 21, ?$

- a) 693 sq. units b) 2210 sq. units c) 442 sq. units d) 714 sq.

10. Given below is a 3×3 grid to be filled by numbers from 1 to 9 such that:

- Every pair of adjacent digits in a row should have a difference of three
- Some of the numbers have already been placed

Based on the given conditions, choose the correct option.

1		
	5	
		9

- a) A row can have all numbers as even b) A row can have all numbers as odd
c) A row can have 2 even and 1 odd number d) All of these

SCIENCE

1. Prepare turmeric paper at home (refer to Activity 3 from Chapter 2).
 - b) Test three household substances (like soap water, lemon juice, vinegar) using turmeric paper and note the results. And paste them in your notebook.
 - c) Make a greeting card with the help of turmeric paper and soap solution. Paste it in your notebook.

2. Observe different physical and chemical changes around you at home. You can use the areas of your kitchen, living room or your garden for observations.(Eg .cooking of food,glowing of bulb). Classify them under physical and chemical changes and paste their pictures. Write at least 4 each.

3. Keeping the hazardous impacts of plastic in mind, make a poster on ‘Say no to plastic’ on A4 size sheet and paste in your notebook.

4. Subject enrichment activity:
Make a ppt on different types of nutrition in plants .Take print out and paste it in notebook.

5. Revise PT1 syllabus.

6. **DHRUVA SPACE CLUB ACTIVITY:** OBSERVE The sky at night and identify the planet Venus there. Try to locate summer constellation in the sky. Draw and name it in copy.

7. **Kaushal Bodh Activity:** Visit a nearby nursery
Observe how the conditions necessary for healthy growth of the plants are provided in the nursery. Some specific questions you can ask the people working in the nursery are as follows:

1. How do you ensure that plants receive the right amount and duration of sunlight?

.....
.....
.....

2. What methods do you use to provide shade for plants?

.....
.....
.....



What measures do you take to maintain ideal temperature for plants?



.....
.....
.....

4. How do you make sure that plants receive right amount of water?

.....
.....
.....

5. How is optimal humidity maintained?

.....
.....
.....



Materials required

- (i) Cereal or pulses seeds
- (ii) Geometry scale
- (iii) Pencil
- (iv) Rubber bands
- (v) Plastic tray
- (vi) Water
- (vii) Seed germination paper (45 cm × 28 cm)



Seed germination paper is specially designed for germination tests since it can hold moisture. In case seed germination paper is not available, you can use a cardboard sheet.



Step 1: Mark 3 × 3 cm squares on the paper.



Step 2: Soak the paper in water. Let the extra water drain out.



Step 3: Count 100 seeds and place them on equal distances as per markings.



Step 4: Gently roll the paper. Place rubber bands on the paper and keep it for 3-5 days.

Step 5: Count the germinated seeds.

Step 6: Calculate germination percentage using the formula given below:

$$\text{Germination percentage} = \frac{\text{Number of seeds germinated}}{\text{Total number of seeds placed / sown}} \times 100$$

Figure 1.11: Steps for calculating germination percentage

Please respond to the following questions to learn more about seed germination rate.

1. Which seed did you use for conducting seed germination test?

.....
.....

2. How many seeds were used for the germination test?



3. How many days did it take for the seeds to germinate?

4. How many seeds germinated?

For sowing seeds in a growing bag :

1. Soak cocopeat in water – 1 kg cocopeat can absorb 5–8 litres of water.

2. After all the water is soaked, fill the bag with the soaked cocopeat gently.

3. Sow seeds (1–2 seeds per hole) and cover it with tarpaulin sheet or gunny bags. Keep it covered aside for 2–3 days.

4. Once the seeds start germinating, the bag should be placed in a shade for further growth.

After completing the activity, answer the following questions:

1. Which method did you use for sowing the seeds? (If you have used more than one method, please mention all of them.)

2. What steps have you taken to provide optimal conditions for the growth of seedlings?

Bring the grown plant to school.

8. Grow any one sapling(mango, Neem,peepal etc) , nurture it and bring it for plantation drive at school when asked.





SOCIAL SCIENCE



Kindly do the following activities in the Geography notebook (light green).

1. Learn and Revise the full syllabus of Periodic Test-1.
2. Prepare a colorful presentation of the Preamble of the Indian Constitution and explain the significance of each keyword.
3. On the Political map of India mark the following (refer to page number 89):
 1. Pataliputra
 2. Mathura
 3. Amravati
 4. Sanchi
 5. Cholas
 6. Pandyas
 7. Vaishali
 8. Keralaputras
 9. Varanasi
 10. Sarnath

4. Activity under Dhruva Space Club

Documentary/Film Viewing and Report Writing




Watch any one documentary/film from the topics given below and write a short report based on it. (Support your answer with pictures)

Topics:

- Apollo 11 Moon Landing Documentary
- Chandrayaan-3 Mission

Instructions:

After watching the selected documentary/film, write a report including the following points:

- Name of the documentary/film you watched
 - Brief summary of the event/mission
 - Key highlights or important moments
 - What you learned from it
- 
- 
- 

SANSKRIT

ग्रीष्मावकाश गृहकार्य

कक्षा- सप्तमी

विषय- संस्कृत

- 1.अपने माता-पिता के लिए कृतज्ञता कार्ड बनाकर उनमें श्लोक अथवा संस्कृत में पाँच सामान्य पंक्तियां लिखिए।
- 2.अपनी पुस्तक से क्त्वा और तुमुन प्रत्यय के किन्हीं 10-10 शब्दों को छांटकर लिखिए।
- 3.संस्कृत में दिनों तथा महिनों के नाम दर्शाते हुए एक कैलेंडर तैयार कीजिए।
4. प्रथम आवधिक परीक्षा का संपूर्ण पाठ्यक्रम याद कीजिए।

प्रथम त्रैमासिक परीक्षा पाठ्यक्रम -

1.पाठ-1,2

व्याकरण - शब्द रूप (मति, मुनि, वारि, नदी), धातु रूप लङ् लकार (पठ्, भू, गम) गणना - (1-50) समय, चित्र वर्णन, अपठित गद्यांश।

ART & CRAFT



- Make a hut with straw and cardboard, straw, and ice cream sticks. Small details like windows, doors, fence, and greenery were added to make it look attractive.
- Make traditional Lippen art was created on an MDF board using clay work, bright colors, and mirror decoration.
- Make a A creative free hand craft was made using colored paper and decorative materials.





GENERAL KNOWLEDGE

- 1) Write 10 Current Affairs of May month in the G.K. notebook.
- 2) Write 10 Current Affairs of June month in the G.K. notebook.
- 3) Complete G.K. book till page number 40.





COMPUTER

Q1. Draw a colourful poster on AI tool i.e. Canva:
“Stay Safe Online” And paste it in your notebook.

Q2. Create a **Top 10 Students Merit List** in Microsoft Copilot with:

- Name
- Total Marks
- Percentage
- Rank

And show them on Bar Chart. Paste the screenshots of the table and Bar chart.

Q3. Write a short paragraph on: (100 words) in the notebook.

“What should you do if your social media account gets hacked?”

Q4. Create a slogan activity. Write any 5 catchy slogans on cyber safety Using Canva and paste them in your notebook. AI Example:

- “Think Before You Click!”
- “Stay Alert, Stay Secure!”

Q5. Learn the Syllabus of PT-1 and complete assignments in your notebook.





RAMAKRISHNA SENIOR SECONDARY SCHOOL

PERIODIC TEST 1 DATESHEET | 2026- 2027 |

Cir 2026-2027/Datesheet/1

April 30, 2026

Dear Parents,

Kindly note the schedule for Periodic Test 1 for Classes I – IX. Parents are requested to adhere to the following guidelines:

- 1) Clear all outstanding dues before the Periodic Test - 1.
- 2) The School timings w.e.f. July 6 – 11, 2026 will be 7:50 am – 10:40 am.
- 3) It is mandatory for all the students to appear in Periodic Test - 1
- 4) School Buses will ply during the examination days.
- 5) Non - participation will result in exclusion of weightage for this portion from subsequent exams. Students are advised to approach the exam with diligence. Hence it is in the interest of the students to take this exam with all seriousness.
- 6) The examination will be cancelled, if a student is found cheating or adopting any unfair means i.e. using cheating slips, mobile phones, calculator, electronic gadget, smart watch etc.
- 7) Students should come to school on exam days.[Refer to the Datesheet].
- 8) Students must appear for the exam in proper school uniform.
- 9) Regular Classes will resume from July 13, 2026 [Monday].
- 10) Refer to the schedule below for PT-1:--



Classes	July 6, 2026 [Monday]	July 7, 2026 [Tuesday]	July 8, 2026 [Wednesday]	July 9, 2026 [Thursday]	July 10, 2026 [Friday]	July 11, 2026 [Saturday]
I	English	Maths	Hindi	EVS	Computer	Holiday
II	English	Maths	Hindi	EVS	Computer	Holiday
III	Science	Hindi	English	Study Leave	Social Studies	Maths
IV	Social Studies	English	Maths	Study Leave	Hindi	Science
V	Science	Maths	Hindi	Study Leave	Social Studies	English
VI	Maths	Social Science	English	Hindi	Science	Sanskrit
VII	Social Science	Hindi	Sanskrit	Science	English	Maths
VIII	English	Science	Maths	Hindi	Sanskrit	Social Science
IX	Social Science	Maths	Science	IT	English	Hindi

The following subjects Periodic Test 1 will be held during the regular school hours on the mentioned date --

Exam Date	Classes	Subject
July 13, 2026 [Monday]	III – VIII	Computer , AI & IT

Your cooperation in this regard is greatly appreciated.

Examination Incharge

