



**The International
School of Bombay**

NURTURE • CHALLENGE • SUCCESS

**ACADEMIC SESSION
2025-26**

**SUMMER
ASSIGNMENT**

CLASS 8



Out of difficulties grow miracles. Tough time don't last.

Dear Students

The beginning of new session might not have been with pomp and show, but the spirit of teaching learning continues in the school. The summer vacations this time would not be ice creams, candies and cool pool, but time can be utilized in honing skills and interests.

It is easy to bloom, then to be a bud, but you are responsible young members of the nation and its our duty to follow rules.

Here are some holiday activities designed for creative utilization of time. Give a flight to your imagination and spend time purposely.

SOME POINTS TO BE REMEMBERED

- ❖ Drink plenty of juice and water to avoid dehydration.
- ❖ Make hand washing and hygiene a part of your routine.
- ❖ Holiday Homework is a part of subject enrichment and will be assessed on the basis of creativity and efforts of the students.
- ❖ It's the perfect time to enhance your speaking skills and vocabulary by conversing in English with your family and siblings.
- ❖ Reading is essential for those who seek to rise above the ordinary. Spend your quality time reading purposeful books.
- ❖ A beautiful handwriting makes a good impression. Practice one page of English and Hindi handwriting daily.
- ❖ Schedule your time for activities so that there is no piling up for the last moment.
- ❖ Holiday homework should be your authentic creative work.



GENERAL INSTRUCTIONS FOR SUMMER HOLIDAY HOMEWORK

- Make a **separate copy/notebook** for the Holiday Homework (one combined notebook for all subjects).
- Write your name, class, section, and roll number clearly on the first page of notebook.
- Maintain neatness and complete the work in your own handwriting.
- The holiday homework must be completed and submitted on the first day after the summer vacation.
- **Theory questions must be written in proper format:**
 - Write the chapter name and number at the top.
 - Write each question followed by its answer.
- **If practical work is assigned (e.g., making a PowerPoint presentation, typing tasks, coding practice):**
 - Complete the task using a computer/laptop and take clear printouts or screenshots of the work.
 - Paste the printouts/screenshots in your homework notebook or attach them as annexures.
- Clearly label each task with a heading and short description.
- Be creative if a project or model is assigned (e.g., flowcharts, posters, models etc.).
- Follow the given subject-wise sequence strictly while compiling the homework.
- **Subject-wise Sequence and Subjects:**
- **Classes 1 to 5:**
 - English
 - Hindi
 - Mathematics
 - EVS
- **Classes 6 to 8 :**
 - English
 - Hindi
 - Mathematics
 - Science
 - Social Science
 - Sanskrit
 - Computer

NOTE :

- Limit screen time and refrain from engaging in an inappropriate online behaviour.
- Holiday Homework will be assessed as **SUBJECT ENRICHMENT**



1. Create your own paragraph in which you will write daily about one of your kind acts which you will do like helping your mother, helping physically disabled person or underprivileged person everyday.
2. There are many important National and International days observed in the month of May and June. Select any 5 days, write short paragraph on these days and paste some pictures published in the news paper on that particular day (example 4th May International firefighter's day, 8th May Red Cross day, 5th June World Environment Day, 21st June International yoga day etc.)
3. Make a beautiful card for your father on the occasion of father's day.
- 4 write down of least twenty sentences of subject verb agreement (According to the rule of subject verb agreement).
5. Write down at least four new words each with the use of given prefix:
un, ir, il, dis, mis, anti.
6. Write summary of 'The Diary Of A Young Girl'. Paste pictures related to your writing and also draw a picture of the Annexe as describe by Anne.
7. Write rules of spelling with examples.

हिन्दी

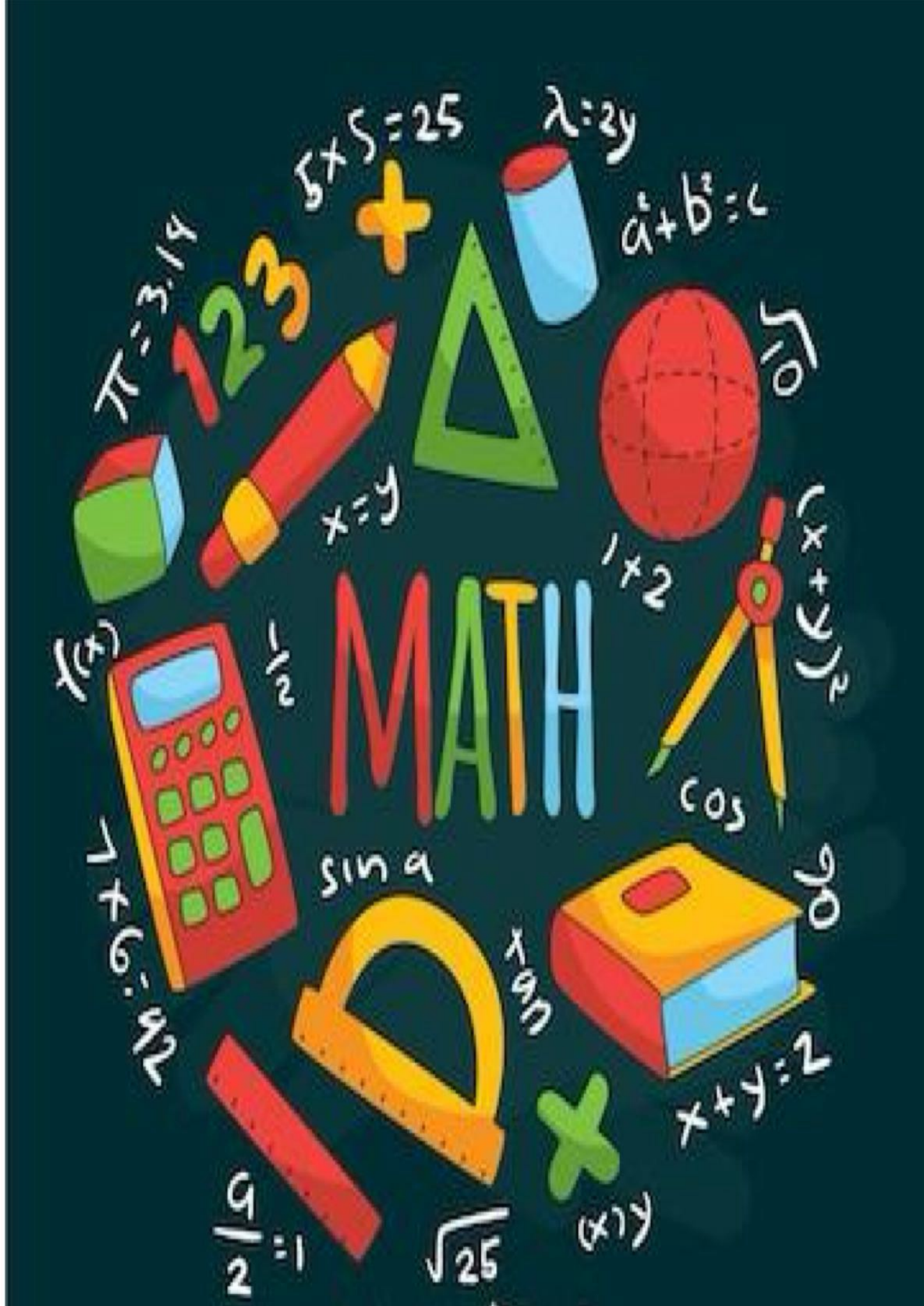
कक्षा-8TH

ग्रीष्मकालीन गृहकार्य:-

- भारत देश के सेनानियों द्वारा, देश की सुरक्षा के लिए किए गए संघर्षों का वर्णन चित्रों द्वारा समझाकर लिखिए।
- किसी व्यक्ति के सामने अच्छा बनने या दिखावा करना कहाँ तक सही है? अपने शब्दों का समावेश करते हुए लेख लिखिए।
- "देश भक्ति" या "भारत के वीर सपूत विषय पर अपने शब्दों में कविता लिखिए तथा चित्रों का उपयोग किजिए। (चार्ट के द्वारा)।
- बढ़ती हुई जनसंख्या के दौर में जल संकट पर निबंध लिखिए।

[स्वयं की विचारधारा]

- वाक्य तथा वाक्य के विभिन्न प्रकारों को समझाते हुए, प्रवाह संचित्र (FLOWCHART) तैयार किजिए ?
- संधि तथा प्रकारों को उदाहरण सहित (10-10 उदा०) लिखना है। एवं याद करना हैं।
- असली याचक पाठ पढ़कर ऐसी ही किसी मार्मिक कथा का वर्णन लिखें जिससे हमें कोई सीख मिलती हो?



Q1. What is a rational number ? Give some examples .

Q2.(a) Find three rational number between $\frac{1}{5}$ and $\frac{2}{3}$.

(b) Find five rational number between $-\frac{1}{3}$ and $\frac{3}{7}$.

Q3 . Can Zero (0) be a rational number? If so,then why?

Q4. I am the only rational number without a multiplicative inverse. Who am I?

Q5. Write the multiplicative inverse of the following rational numbers.

(a) $-\frac{4}{7}$ (b) $\frac{7}{9}$ (c) 456 (d) -345 (e) $\frac{5}{2}$

Q6. Write T for true and F for false .

(a) Rational numbers are always closed under division .

(b) Distributive property does not hold true for multiplication of rational numbers.

(c) For dividing the rational number by another,we subtract the divisor from the dividend.

(d) $a \div (b \div c) = (a \div b) \div c$

(e) $8 \div 0 = 0$

(f) $0 \div 10 = 0$

Q7. Find the additive inverse of Zero .

Q8. Find the product of additive inverse and multiplicative inverse of $-\frac{3}{7}$.

Q9. Write all the properties of rational number and learn them.

Q10. Write square and square roots of number from 2 to 25 on a A4 sheet

Q11. Collect the information of the life history and contribution of the following Indian mathematician with pictures(any 2 of them).

(A) Srinivasa Ramanujan

(B) Aryabhata

(C) Brahmagupta

(D) Bhaskara II



Science



$$E=mc^2$$



Q1 DIY recycling project-collect various types of plastic waste from your home. Design and create a DIY by recycling them to transform the plastic wastes into the useful item or art/decorative pieces

Q2. Write different types of food preservation methods used in present time and in ancient time.

Q3 Prepare a pamphlet on promoting organic farming in order to spread awareness on good agricultural practices.

Q.4 A farmer needs to prepare his soil for cultivation .What are the three major tasks he performs, name the instrument used and give the advantage of each task.

Q.5 Arrange the following in the correct order for sugarcane production -sending crop to sugar factory, irrigation, harvesting, sowing preparation of soil, plugging the field, manuring.

Q.6 How do you think you can help everyone in stopping the use of polythene at your house ,locality and the school.

(Write any five ways).

Q.7 Learn and write the steps involved in crop production.

Social Studies



Summer Holiday Homework



Make a Project on 'Natural Resources' and its Types

Answer the following questions in your notebook:-

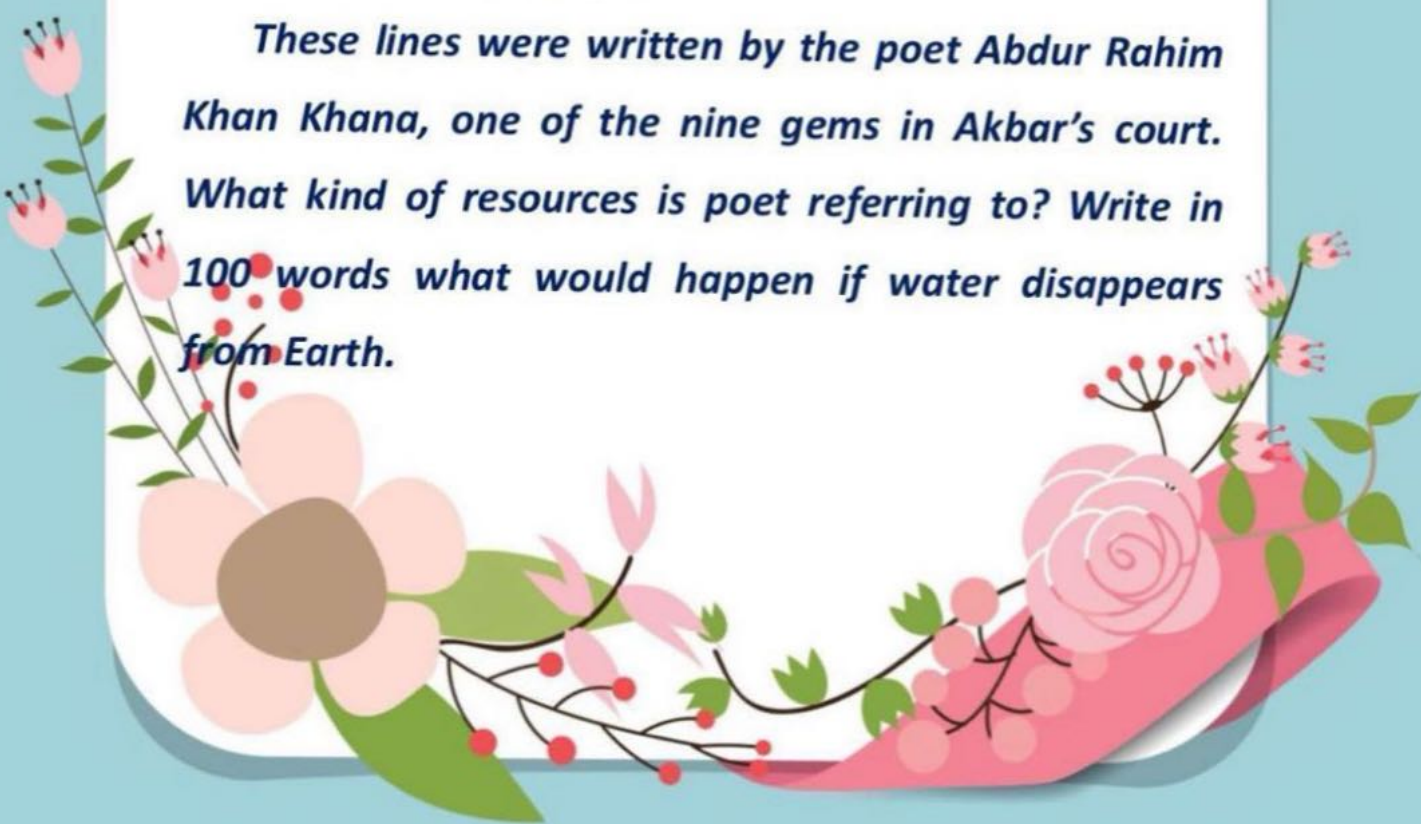
1. "Rahiman Paani rakhiye,

Bin Paani sab soon

Paani gaye na ubre

Moti, Manus, Choon.

These lines were written by the poet Abdur Rahim Khan Khana, one of the nine gems in Akbar's court. What kind of resources is poet referring to? Write in 100 words what would happen if water disappears from Earth.





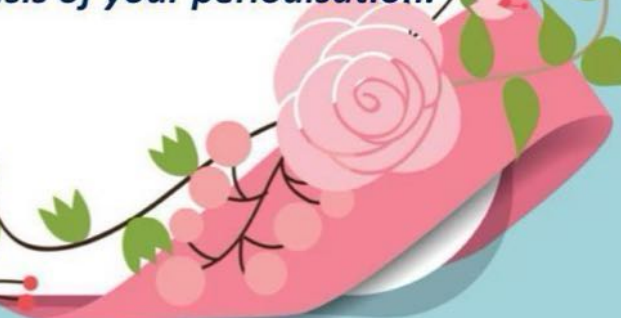
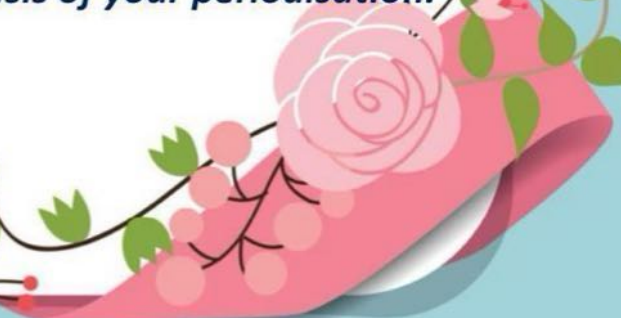
2. Pick up a stone, a leaf, a paper straw and a twig. Think of how you can use these as resources. (For e.g see in your geography textbook pg.6)

3. Write down the following information about the government of India:-

- a) Speaker of Lok Sabha**
- b) Chairman of Rajya Sabha**
- c) Leader of ruling party**
- d) Leader of opposition party**

4. Why did the British preserve official documents?

5. Interview your mother or another member of your family to find out about her life. Now divide their life into different periods and list out the significant events in each period. Explain the basis of your periodisation.





6. Sow a seed in a pot and write down the observations on its various stages of growth.

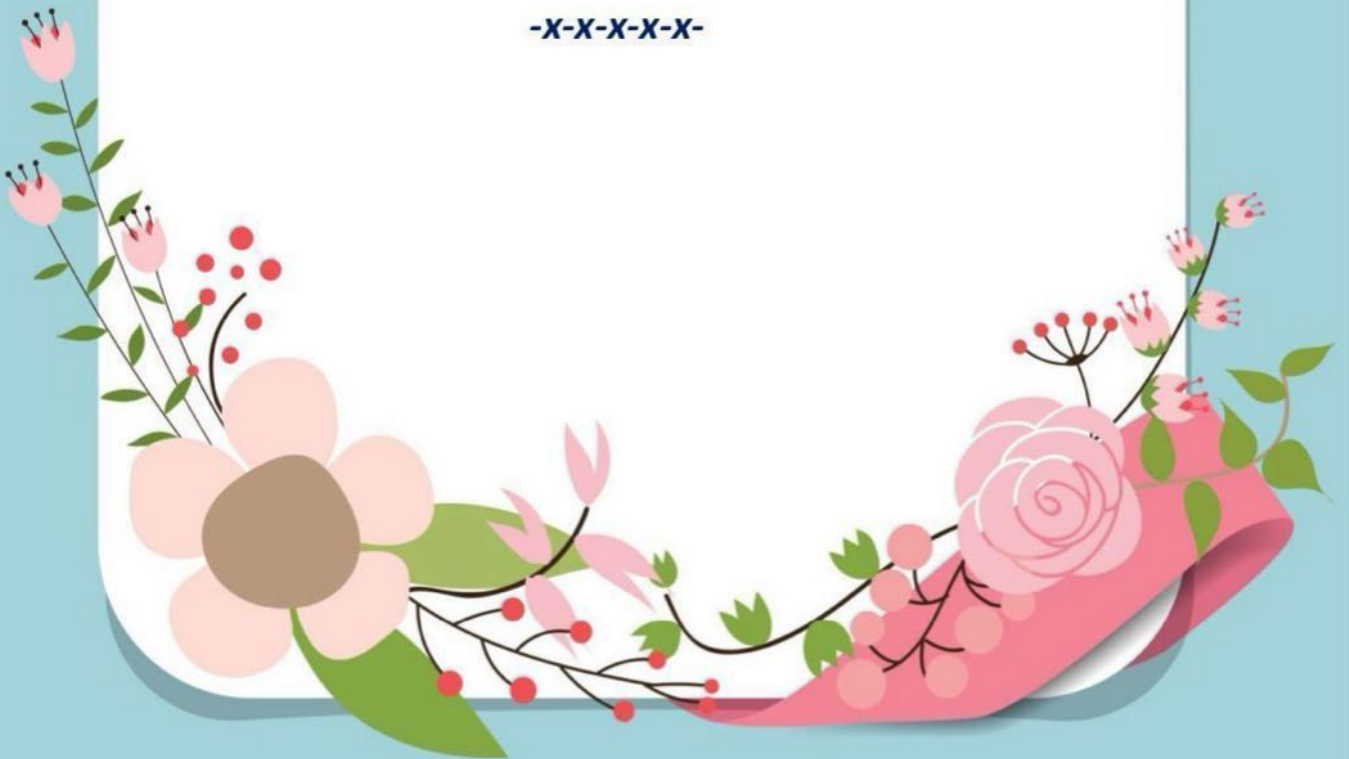
7. Name the industry which uses limestone as its main raw material

8. Why do we call history our past?

9. What does modern period refers to?

10. Write a short poem on 'save water' or 'save Earth'

-X-X-X-X-X-



ग्रीष्मकालीन अवकाश
गृहकार्य



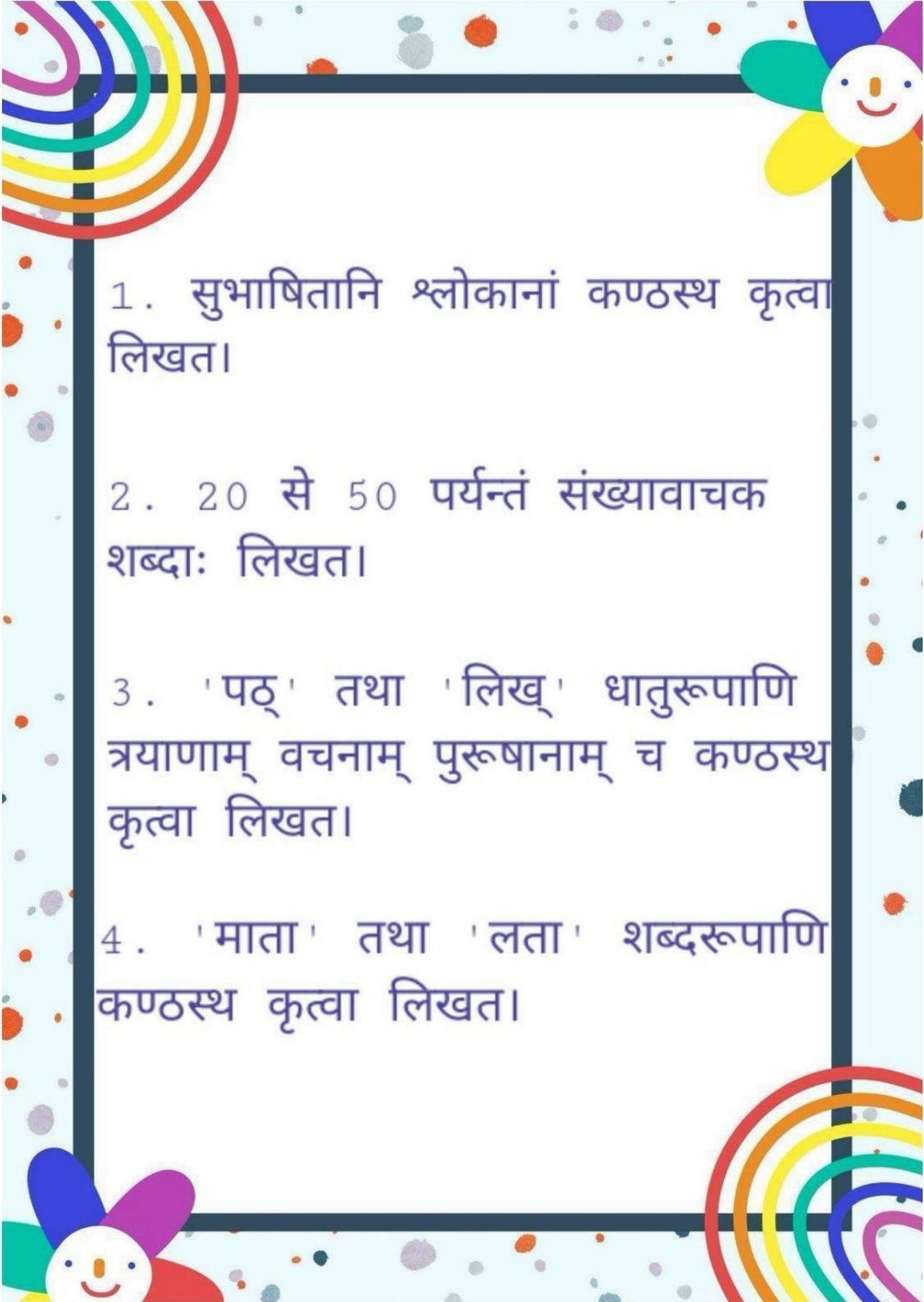
सत्र - 2025-26

कक्षा - 8



विषय - संस्कृत





1. सुभाषितानि श्लोकानां कण्ठस्थ कृत्वा
लिखत।

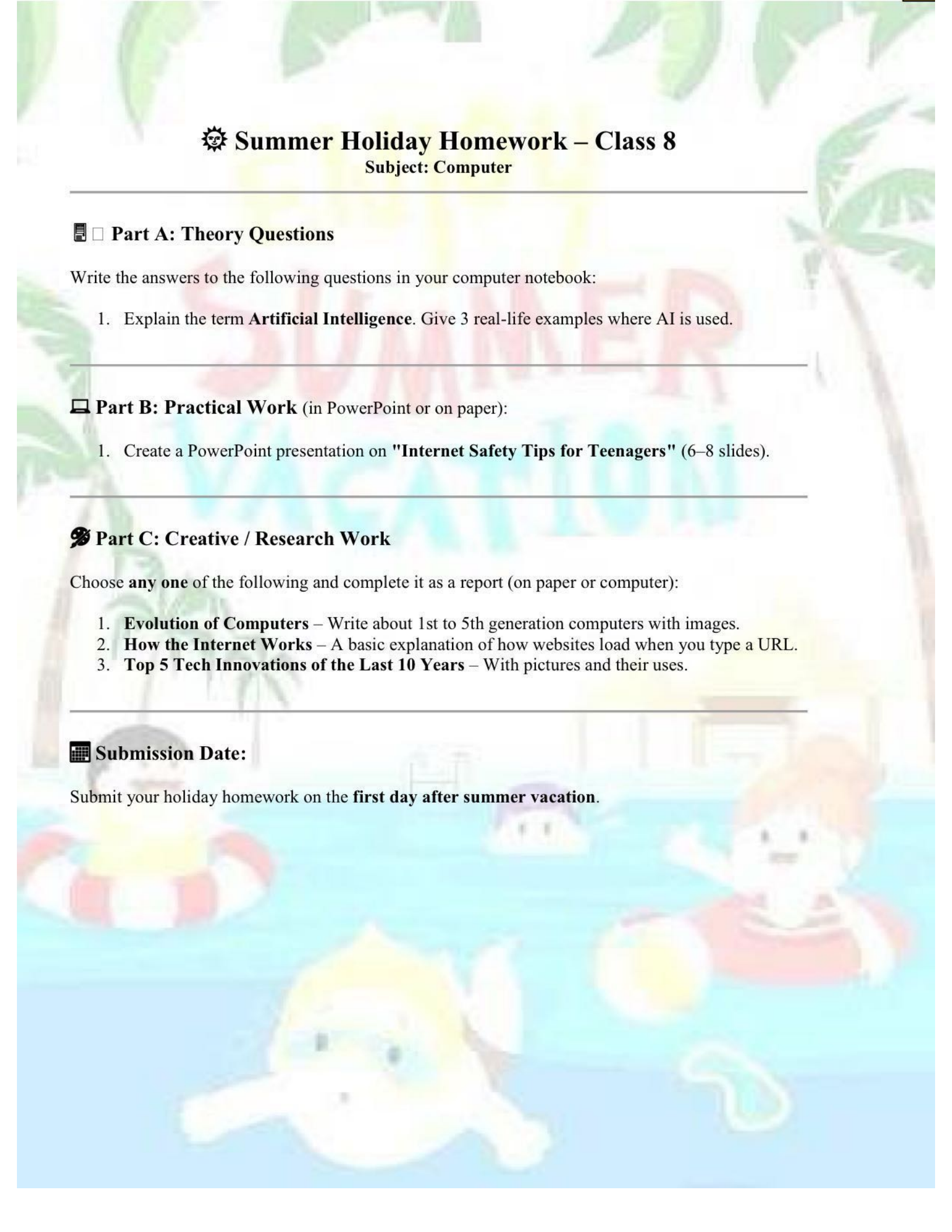
2. 20 से 50 पर्यन्तं संख्यावाचक
शब्दाः लिखत।

3. 'पठ्' तथा 'लिख्' धातुरूपाणि
त्रयाणाम् वचनाम् पुरुषानाम् च कण्ठस्थ
कृत्वा लिखत।

4. 'माता' तथा 'लता' शब्दरूपाणि
कण्ठस्थ कृत्वा लिखत।

CLASS 8

Computer



☀ Summer Holiday Homework – Class 8

Subject: Computer

📖 □ Part A: Theory Questions

Write the answers to the following questions in your computer notebook:

1. Explain the term **Artificial Intelligence**. Give 3 real-life examples where AI is used.
-

💻 Part B: Practical Work (in PowerPoint or on paper):

1. Create a PowerPoint presentation on "**Internet Safety Tips for Teenagers**" (6–8 slides).
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🌀 Part C: Creative / Research Work

Choose **any one** of the following and complete it as a report (on paper or computer):

1. **Evolution of Computers** – Write about 1st to 5th generation computers with images.
 2. **How the Internet Works** – A basic explanation of how websites load when you type a URL.
 3. **Top 5 Tech Innovations of the Last 10 Years** – With pictures and their uses.
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📅 Submission Date:

Submit your holiday homework on the **first day after summer vacation**.

