



# Hello Summer

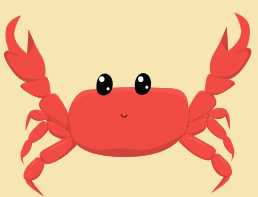
Dear Students and Parents,

Welcome to the summer holidays! As we embark on this well-deserved break, it's essential to keep our minds engaged and active.

Remember, learning doesn't take a vacation, and every moment presents an opportunity for growth. By dedicating some time each day to your English homework, you'll not only sharpen your language skills but also discover the joy of learning beyond the classroom.

We wish you a fun-filled and enriching summer holiday, filled with adventures, exploration, and plenty of reading! Should you have any questions or need assistance with your homework, please don't hesitate to reach out to us.

Happy learning!



**ENGLISH HOLIDAY HOMEWORK**  
**CLASS - VIII**  
**SESSION 2026-2027**

**Q1. Assignment Title: Storytelling Through Panels: My Poorvi Comic Strip**

Choose One Story: Select one of the following chapters to illustrate:

- a. The Magic Brush of Dreams: Focus on Gopi's magical creations and her escape from the greedy Zamindar.
- b. Feathered Friend: Show how Claribel the canary saves the crew on the space station.
- c. The Case of the Fifth Word: Recreate the clever moment where the mystery is finally solved.
- d. Rama to the Rescue: Illustrate Rama's brave actions and the specific moment she helps someone in need.

**INSTRUCTIONS:**

- *Format: Use a single A3 size sheet.*
- *Panel Structure: Create 4 to 6 frames (boxes) for your story.*
- *Content Requirements:*
- *Visuals: Draw the characters and the background for each scene.*
- *Speech Bubbles: Use bubbles for character dialogue.*
- *Captions: Use a small box at the top of each panel to narrate the action (e.g., "The crew suddenly realizes the air is running out!").*

**Q2. Prepare a Chart on any one of the following grammar topics:**

- Tenses (Roll no.: 1-12)
- Adjectives (Roll no.: 13-24)
- Sentences (Roll no.: 25-36)
- Nouns and Pronouns (Roll no.: 37-49)

**Q3. Write 10 new words you learned during holidays.**

Use A-4 size sheets to Mention their meanings and use each word in a sentence.

**Q4. Write a diary entry about one exciting or memorable day of your summer vacation.**

Mention your feelings, activities, and what made the day special.

**Q5. Design an attractive bookmark inspired by an inspirational book you have read.**

**WORKSHEET**  
**CLASS VIII**

**A. Read the paragraph carefully and fill in the blanks with the correct form of the verbs given in brackets:**

Last summer, I \_\_\_\_\_ (visit) my grandparents in the village. Every morning, I \_\_\_\_\_ (wake) up early and \_\_\_\_\_ (go) for a walk near the river. My grandmother \_\_\_\_\_ (cook) delicious food for us, and we \_\_\_\_\_ (enjoy) it together. In the evenings, we \_\_\_\_\_ (sit) outside and \_\_\_\_\_ (listen) to stories told by my grandfather. I really \_\_\_\_\_ (have) a wonderful time there and I \_\_\_\_\_ (plan) to visit them again next year.

**B. Fill in the blanks by using degrees of Comparison.**

1. This is the \_\_\_\_\_ (good) book I have ever read.
2. Riya is \_\_\_\_\_ (tall) than her sister.
3. Mount Everest is the \_\_\_\_\_ (high) peak in the world.
4. He is the \_\_\_\_\_ (intelligent) boy in the class.
5. This road is \_\_\_\_\_ (narrow) than that one.

**C. Identify the Type of Sentence**

(Assertive / Interrogative / Imperative / Exclamatory / Negative).

1. Why didn't you inform me about the meeting? \_\_\_\_\_
2. What an amazing performance that was! \_\_\_\_\_
3. Please submit your project by tomorrow. \_\_\_\_\_
4. She does not like watching horror movies. \_\_\_\_\_
5. Always respect your elders. \_\_\_\_\_
6. How beautifully she sings! \_\_\_\_\_
7. I have never seen such a wonderful place. \_\_\_\_\_

**D. Transform the following sentences as directed without changing their meaning:**

1. She is very happy. (Change into Exclamatory)
2. What a beautiful place it is! (Change into Assertive)
3. You should respect your teachers. (Change into Imperative)
4. He always speaks the truth. (Change into Negative)
5. Are you coming to the party? (Change into Assertive)
6. Close the door. (Change into Interrogative)
7. It is a very difficult question. (Change into Exclamatory)

**E. Identify the errors in nouns/pronouns and rewrite the correct sentences:**

1. Each of the students must bring their notebook.
2. Me and Rohan went to the library.
3. The teams played well, but they lost its final match.

**F. Rewrite the sentences by replacing repeated nouns with suitable pronouns:**

1. Sita said that Sita would complete Sita's homework on time.
2. Rahul met Rahul's teacher and Rahul thanked the teacher.

## ग्रीष्मावकाश गृहकार्य 2026-27

विषय हिंदी

कक्षा आठवीं

### रचनात्मक कार्य

(1) 'मातृभूमि', या स्वदेश शीर्षक से संबंधित किसी कविता को सचित्र रंगीन ए-3 आकार की शीट पर आकर्षक ढंग से लिखिए।

(अनुक्रमांक 1 से 10 तक)

(2) भारत के विभिन्न राज्यों में बोले जाने वाली भाषा और बोलियों से संबंधित सचित्र रंगीन चार्ट का निर्माण कीजिए

(अनुक्रमांक 11 से 20 तक)

(3) हिंदी काव्य के चार आधार स्तंभ कवियों तुलसीदास, रहीमदास कबीरदास और वृंद का सचित्र संक्षिप्त विवरण एक-एक दोहे के साथ ए-3 आकार की अलग-अलग शीटों पर आकर्षक ढंग से लिखिए।

(अनुक्रमांक 21 से 30 तक)

(4) एक शब्दकोश का निर्माण कीजिए जिसमें प्रत्येक वर्ण से पांच-पांच शब्दों का संकलन किया गया हो। (अनुक्रमांक 31-----)

### लिखित कार्य

(1) मल्हार के पाठ 'स्वदेश' व 'दो गौरैया' पाठ में आए संज्ञा एवं विशेषण शब्दों को छांट कर लिखिए

(2) आप जयपुर राजस्थान के राकेश चौहान हैं। आपका छोटा भाई पशु-पक्षियों को बहुत सताता है। पशु-पक्षियों के प्रति अच्छा व्यवहार करने की सीख देते हुए उसे पत्र लिखिए।

(3) आप साकेत दिल्ली के रमन गुप्ता हैं। गत दिनों आपके विद्यालय में वृक्षारोपण कार्यक्रम का आयोजन किया गया था जिसमें विद्यार्थियों ने वृक्षारोपण किया और उन पौधों की देखभाल का संकल्प भी लिया। वृक्षारोपण कार्यक्रम का वर्णन करते हुए अपनी माता जी को एक पत्र लिखिए।

(4) दिए गए विषयों पर संकेत बिंदुओं के आधार पर 100 शब्दों में अनुच्छेद लिखिए

### (क) अनुशासन :हमारे जीवन का प्राण

संकेत बिंदु :  $\Delta$ अनुशासन का महत्व  $\Delta$ दिन प्रतिदिन बढ़ती हुई अनुशासनहीनता  $\Delta$ लक्ष्य प्राप्ति में अनुशासन का योगदान।

(ख) विज्ञान बन गया अभिशाप संकेत बिंदु। - $\Delta$  अभिशाप बनने का कारण  $\Delta$  पर्यावरण संतुलन में विज्ञान की भूमिका  $\Delta$  विज्ञान का दुरुपयोग और प्राकृतिक आपदाएं।

### स्मरण कार्य

(1) मल्हार 'स्वदेश' व 'दो गौरैया' पाठों के प्रश्न उत्तर याद कीजिए।

(2) ' रिश्तो में लाभ हानि नहीं देखी जाती 'कहानीके प्रश्नोत्तर याद कीजिए।

### व्याकरण कार्यपत्रिका

प्रश्न -1 निम्नलिखित शब्दों का वर्ण विच्छेदकीजिए-

(1) महात्मा-----

(2) उज्ज्वल -----

(3) तोपखाना -----

(4) नीलामी -----

(5) नियोजन-----

(6) मक्खन-----

(7) कृति -----

(8) व्यंजना -----

(9) ज्ञानवान -----

(10) कमलनयन -----

**प्रश्न -2 निम्नलिखित में से उपसर्ग मूल शब्द अलग कीजिए-**

(1) पुरालेख -----+-----

(2) स्वधर्म -----+-----

(3) प्रतिकूल -----+-----

(4) खुशखबरी -----+-----

(5) लाइलाज -----+-----

(6) अधखिला ----- + -----

(7) अधिनियम ----- + -----

(8) डिष्टी कमिश्नर ----- + -----

**प्रश्न -3 निम्नलिखित उपसर्गों से दो- दो नए शब्दों का निर्माण कीजिए-**

(1) उप -----

(2) हम -----

(3) वि -----

(4) सह -----

(5) बद -----

(6) अति -----

**प्रश्न -4 निम्नलिखित वाक्यों में से विशेषण छांटकर भेद का नाम लिखिए-**

(1) किसान भारी गठरी उठाकर चला जा रहा था।

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(2) जापानी लोग स्वभाव से परिश्रमी होते हैं।

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(3) आलसी व्यक्ति सदैव सपने ही देखते रहते हैं।

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(4) घर के बाहर कुछ लोग खड़े बात कर रहे हैं।

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(5) अस्पताल में रोगी व्यक्तियों की भीड़ लगी हुई थी।

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(6) वह इमारत देखने योग्य है।

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(7) आजकल दक्षिणी दिल्ली में सफाई अभियान चल रहा है।

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(8) मकर संक्रांति, ओणम, पोंगल आदि भारतीय त्योहार है।

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**प्रश्न -5 रेखांकित रंगीन शब्दों से पूर्व उचित विशेषण लगाकर वाक्य पुनः लिखिए-**

(1) बच्चे ने दीवार खराब कर दी।

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(2) प्रेमचंद ने कहानियां लिखीं।

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(3) मैंने दुकान से दाल, चावल तथा सब्जियां खरीदी।

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(4) घर स्टेडियम के पास है।

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(5) लड़की के पास गुड़िया है।

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**प्रश्न -6 निम्नलिखित शब्दों से विशेषण बनाइए-**

(1) दर्शन -----

(2) नीति -----

(3) ऊपर -----

(4) विज्ञान -----

(5) दिन -----

(6) लालच -----

**निर्देश: समस्त लिखित कार्य व्याकरण कॉपी में कीजिए।**

**CLASS VIII  
MATHEMATICS**

**ASSIGNMENT**

➤ **Do assignment in separate small size notebook.**

Q1. Which of the following numbers will definitely not be a perfect square?

- (a) 1936      (b) 2500      (c) 1729      (d) 1600

Q2. The number of lockers that remain open in the "locker puzzle" with 225 lockers is:

- (a) 15      (b) 225      (c) 30      (d) 16

Q3. Which of the following square numbers will end with the digit 1?

- (a) 152      (b) 182      (c) 212      (d) 322

Q4. The smallest number by which 882 must be multiplied to make it a perfect square is:

- (a) 2      (b) 3      (c) 7      (d) 11

Q5. Which of the following is not a perfect cube? 67. The cube root of 3375 is:

- (a) 12      (b) 15      (c) 18      (d) 25

Q6. What is the value of  $3^0 + 4^0 + 5^0$ ?

- (a) 3      (b) 1      (c) 12      (d) 0

Q7. Which of the following is equivalent to  $5^{100}$ ?

- (a)  $(5^{10})^9$       (b)  $(5^{20})^5$       (c)  $(5^{10})^{100}$       (d)  $(5^5)^{10}$

Q8. Which of the following numbers is not a perfect cube?

- (a) 1331      (b) 512      (c) 1000      (d) 2000

Q9. Find the smallest square number which is exactly divisible by 12, 15, and 20.

Q10. Find the square root of 2401 by prime factorisation method.

Q11. Find the cube root of 2744, by the prime factorisation method.

Q12. Find the smallest number by which 200 must be multiplied so that the product becomes a perfect cube

Q13. Find the smallest number by which 405 must be divided to obtain a perfect square. Also, find the square root of the quotient.

Q14. Find the smallest number by which 1352 must be multiplied so that the product has a cube root. Also, find the cube root of the product.

Q15. Find the smallest number by which 1536 must be divided so that the quotient has a cube root. Also, find the cube root of the quotient.

Q16. A school has 1475 students. What is the minimum number of students that need to be added so that the total number of students can be arranged in a perfect square grid?

Q17. Find the value of (i)  $(3^2 \times 3^4) \div 3^6$  (ii)  $(5^8 \div 5^3) \times 5^2$

Q18. If  $3^x = 9^2 \times 27$ , find the value of x.

Q19. A country's GDP is Rs.  $3.5 \times 10^{12}$ . The population is  $7 \times 10^8$ . What is the GDP per person? Express your answer in standard form.

Q20. Find the value of x and y such that  $5^x = 125$  and  $7^y = 1/343$ . Hence, evaluate the expression  $(x - y)^{x+y}$

Q21. Riya was reading about ancient Indian mathematicians. She discovered that square numbers can be expressed as the sum of consecutive odd numbers. She tried with 36:  
 $36 = 1 + 3 + 5 + 7 + 9 + 11$ .

She wondered if she could find other squares this way. She also noticed that the number of odd numbers added equals the square root of the number.

Answer the following:

- Express 49 as the sum of consecutive odd numbers.
- How many odd numbers are required to express 121 as a sum?
- Find whether 50 can be expressed as the sum of consecutive odd numbers.
- If 2025 is a perfect square, how many odd numbers will be required to express it?

### **ACTIVITY TIME**

**Do the following according to your Roll Numbers:**

Make a beautiful :

- Chart on properties of Squares numbers with examples.(Roll no.1-10)
- Chart on Laws of Exponents with examples (Roll no.11 - 20)
- Brochure on your favourite Mathematician (Roll no.21- 30)
- Chart on properties of Cube numbers with examples(Roll no.31 onwards)

- ❖ Make a **3D Model** of any mathematical concept of your choice.
- ❖ Revise Ch-1 and Ch- 2 for PERIODIC TEST.
- ❖ Make a project on Ch-2(Power Play).Do in A4 Size Scrap book

# SCIENCE

## CLASS – VIII (2026-27)

1. Prepare a project (synopsis) that is working ,original , innovative and focus on original, low-cost solutions to daily problems, targeting sustainability and safety environment on any of the below mentioned topics:

- a. Science and Technology
- b. Agriculture and Human Welfare.
- c. Long lasting safety and sustainable gadgets

**Following Questions has to be done in the notebook only.**

1. A person prepares a pickle by adding a high concentration of salt to vegetables. Explain, based on the information in the chapter, why this method prevents microbial growth and spoilage.
2. A student makes an electromagnet and finds its poles by using a magnetic compass. What would happen to the poles of the electromagnet if the direction of the current flowing through the coil is reversed? Justify your answer.
3. Why does a compass needle deflect when placed near a current-carrying wire, but return to its original position when the current is stopped?
4. What is an electromagnet? List two of its practical applications.
5. Explain why a dry cell is considered a "single use" cell, while a rechargeable battery can be used multiple times.
6. Describe the key components of a Voltaic cell and explain how it generates electricity.
7. Describe the three basic parts of a cell and briefly explain the function of each part.

8. In a traditional bulb, is the Heating Effect a "useful" effect or a "wasteful" effect? Why are LEDs considered "greener" for the environment?

9. **Field trip** "The Microbe Hunt"( to be done in notebook )

**Task:** Collect and observe (even without a microscope!).

**Activity:** Visit a nearby pond or even a puddle in your garden. Collect a small jar of water.

**Observation:** Look for "Algal Bloom" (green scum). Describe its texture and color.

**Research:**

(a) Find out why "Blue-Green Algae" (Cyanobacteria) is so important for the Earth's oxygen and soil fertility.

(b) If all microorganisms on Earth suddenly disappeared tonight, what would happen to the world by tomorrow morning?

(c) Why are some medicines called "Antibiotics" and others called "Vaccines"? What is the main difference in how they work?

## 10. Lab Journal

Prepare a lab journal using scrap book .

Electricity: Chemical and Magnetic Effects

**Project:** The Lemon Battery & Electromagnet

Task A (Chemical): Create a lemon cell using a copper coin and a galvanized (zinc) nail. Use a multimeter or a small LED to check for current.

Task B (Magnetic): Make an electromagnet by wrapping copper wire around an iron nail. Test if it can pick up more paperclips if you increase the number of wire turns from 20 to 50.

Format: Every experiment must include: Aim, Materials, Procedure, Observation Table, and Conclusion.

**Evidence:** Take at least 3 photos of yourself performing these activities and paste them into your journal.

**Revise all the chapters covered**

# **SOCIAL SCIENCE**

## **PART - I**

### **PROJECT WORK**

1. Prepare a project report on **Land use pattern in India**. (Minimum 10 pages include acknowledgement, certificate and bibliography).

**OR**

Develop a 3D model representing the political divisions of India(13<sup>th</sup> to 15<sup>th</sup> centuries).

2. Prepare a Cuisine card of the below mentioned places according to your roll numbers (art integrated project)-

1 to 25 - Sikkim

26 to 50 - Ladakh

**\*Note: Make this as flash cards .**

### **Periodic test-1**

#### **Syllabus**

**History - Ch:2 Re-shaping India's Political map**

**Geography- Ch:1 Natural resources and their use**

**Civics - Ch:5 Universal Adult Franchise**

**PART-II**  
**ASSIGNMENT**

## Geography

### Fill in the Blanks

1. Natural resources are obtained from \_\_\_\_\_.
2. Water is used for \_\_\_\_\_ in agriculture.
3. Forests help in maintaining \_\_\_\_\_ balance.
4. Coal, petroleum, and natural gas are examples of \_\_\_\_\_.
5. \_\_\_\_\_ is essential for breathing.
6. Sunlight is necessary for \_\_\_\_\_ in plants.

### Answer the following questions in about 50-80 words:

1. What are natural resources?
2. Name two types of natural resources.
3. Write any two uses of water.
4. Why are forests important?
5. How can we conserve natural resources?

### Answer the following questions in about 100-120 words:

1. Explain the importance of natural resources in our daily life.
2. How are resources classified?
3. Explain judicious use of resources with the help of an example .

## History

### Q- Name then :-

1. Founders of the Mughal Empire - \_\_\_\_\_
2. Founders of the Vijayanagara Empire - \_\_\_\_\_
3. The Sikh Guru who founded Khalsa community- \_\_\_\_\_
4. Eldest son of Shah Jahan. \_\_\_\_\_

### Answer the following questions in about 50-80 words

1. What was the outcome of the Battle of Talikota?
2. How did Ahoms resisted the Mughals?
3. Who was Narasimhadeva I and what was his contribution?

### Answer the following questions in about 100-120 words:

1. Discuss the rule of Akbar and how he managed to expand and stabilise the Mughal Empire.
2. Discuss the political and economic challenges faced by the Delhi Sultanate.

## **Civics**

**Match the following:**

<b>Column A</b>	<b>Column B</b>
1. Another term for franchise	a. Braille
2. Election commission of India	b. NOTA
3. Printing format for visually impaired	c. Single transferable vote
4. Private voting method	d. Conducting elections
5. None of the above	e. Proxy voting
6. Voting on behalf of someone else	f. Suffrage
7. Rajya Sabha & president election method	g. Secret ballot

**Answer the following questions in about 50-80 words**

1. What measures has the Election Commission of India taken to make voting more accessible?
2. Why are elections in India called the 'Festival of Democracy'?
3. Why is the Rajya Sabha called a permanent house?

**Answer the following questions in about 100-120 words:**

1. What do you understand by Universal Adult Franchise and how does government ensure it?
2. Describe the importance of Election Commission of India.
3. Explain the Model Code of Conduct.

***Note:-Solve the assignments on ruled sheets.***

## ग्रीष्मावकाश गृहकार्य 2026-27

कक्षा- अष्टमी

विषय- संस्कृत

निर्देश:- कार्य करते समय स्वच्छता का विशेष ध्यान रखें।

सभी लिखित कार्य संस्कृत व्याकरण की कॉपी में करें।

### लिखित कार्य

प्रश्न 1 – सरस्वती वंदना: माँ सरस्वती का चित्र चिपकाकर सरस्वती वंदना श्लोक (हिंदी अर्थ सहित) अपनी कॉपी में लिखें।

प्रश्न 2- शब्दरूपाणि : राम, जल, मुनि, किम् शब्दरूप तीनों लिङ्गों में लिखें।

प्रश्न 3- धातुरूपाणि : पठ्, लिख्, खाद्, वस्, दृश्, स्था धातुरूप सभी लकारों में लिखें।

प्रश्न 4- संख्याप्रकरणम् : 1 से 50 तक गिनती संस्कृत में लिखें।

प्रश्न 5- कुछ सूक्तियों को A3 साइज शीट पर आकर्षक तरीके से लिखिए।

### रचनात्मक कार्य

प्रश्न 1- अपने अनुक्रमांक के अनुसार निम्नलिखित विषय पर सुंदर व आकर्षक चार्ट का निर्माण कीजिए।

(क) चार्ट पेपर एवं कार्डबोर्ड का उपयोग करके एक सुंदर एवं आकर्षक संस्कृत घटिका बनाइए।

(अनुक्रमांक 1 से 10)

(ख) विद्यार्थी Harry Potter (Film series) में प्रयुक्त प्रसिद्ध स्पेल्स (मंत्रों) को चुनें। उन स्पेल्स का सरल संस्कृत में अनुवाद करें तथा उनके अनुसार रचनात्मक चित्र A-3 शीट पर बनाएं। (अनुक्रमांक 11 से 20)

(ग) पारिवारिक वृक्ष (Family Tree): एक बड़े पेड़ का चित्र बनाएं और उसमें अपने परिवार के सदस्यों के फोटो लगाकर उनके साथ अपने रिश्ते को संस्कृत में दर्शाएं। (अनुक्रमांक 21 से 30)

(घ) एक चार्ट पेपर पर 'वृक्षारोपण' या 'जल संरक्षण' का सुंदर चित्र बनाएं और उस पर संस्कृत में 5 नारे (Slogans) लिखें। (अनुक्रमांक 31 से आगे)

### स्मरणात्मक कार्य

मधुरम् संस्कृत पाठ्यपुस्तकम्

1. स्वास्थ्यैव धनम्
2. पुनर्मूषको भव
3. अपूर्वः त्यागः

व्याकरण

1. वर्ण-विचारः
2. सन्धिः (दीर्घ, गुण)
3. कारक उपपद विभक्ति (द्वितीया से चतुर्थी तक)
4. शब्दरूपाणि – राम, मुनि
5. धातुरूपाणि - वस्, दृश् (लट्, लृट्, लङ् लकारः) (पठे व समझे)

## कार्य पत्रिका

प्रश्न 1- अधोलिखितम् अनुच्छेद पठित्वा प्रश्नान् उत्तरत।

अनुव्रतः वाल्यादेव आज्ञाकारी कुशलः च छात्रः आसीत् किन्तु एकदा दुष्टबालकस्य संगत्या सः विद्यालयस्य समये यत्र तत्र अन्नमत्, उद्याने अक्रीडत् च। चिन्तितः तस्य पिता त दूषितानि फलानि दर्शयित्वा अवदत् यथा दूषितफलानां संगत्या अन्यानि फलानि अपि दूषितानि भवन्ति तथैव दुष्टजनस्य संगत्या सज्जनः अपि दुर्जनः भवति। लज्जितः भूत्वा अनुव्रतः तस्मात् दिवसात् दुष्टमित्रस्य संगतिम् अत्यजत्।

• एकेन संस्कृतपदेन उत्तरत-

(i) कस्य संगत्या अनुव्रतः यत्र तत्र अभ्रमत्? \_\_\_\_\_

(ii) दुष्टजनस्य संगत्या कीदृशः जनः दुर्जनः भवति? \_\_\_\_\_

• पूर्ण वाक्येन उत्तरत-

(i) पितुः उपदेशेन अन्ते अनुव्रतः किम् अकरोत्?  
\_\_\_\_\_

• यथानिर्देशम् उत्तरत-

(i) 'कुशलः छात्रः' इति अनयोः पदयोः विशेषणपदं किम्? \_\_\_\_\_

(ii) 'अक्रीडत्' इति पदे कः धातुः? \_\_\_\_\_

प्रश्न 2- मञ्जूषादतपदैः पञ्च संस्कृत वाक्येषु चित्रवर्णनं कुरुत।

मञ्जूषा- वर्षादिवसस्य, आतपत्रं गृहीत्वा, कागदनौकां जले प्रवाहयति, आनन्दिताः दृश्यन्ते, परस्परं जलं क्षिपन्ति



(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(iii) \_\_\_\_\_

- (iv) \_\_\_\_\_  
 (v) \_\_\_\_\_  
 (vi) \_\_\_\_\_

**प्रश्न 3- क्रियाकलापाः**

1. पहले घड़े में दिए हुए पदों का सन्धि-विच्छेद करके दूसरे घड़े में लिखिए-

1. हरिश्चन्द्रः
2. मनोहरः
3. परोपकारी
4. सदाचारः
5. सर्वेश्वरः
6. नयनम्
7. कोऽत्र

1. \_\_\_\_\_ + \_\_\_\_\_
2. \_\_\_\_\_ + \_\_\_\_\_
3. \_\_\_\_\_ + \_\_\_\_\_
4. \_\_\_\_\_ + \_\_\_\_\_
5. \_\_\_\_\_ + \_\_\_\_\_
6. \_\_\_\_\_ + \_\_\_\_\_
7. \_\_\_\_\_ + \_\_\_\_\_

2. पहले घड़े में दिए हुए पदों में सन्धि करके दूसरे घड़े में लिखिए-

1. महा + इन्द्रः =
2. चन्द्र + उदयः =
3. पौ + अकः =
4. कपि + ईशः =
5. महा + आत्मा =
6. इति + आदिः =
7. नै + अकः =

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_

**प्रश्न 4- अधोलिखितानां पदानां वर्णविच्छेदं कुरुत।**

- (क) अध्यापिका - \_\_\_\_\_  
 (ख) भवन्ति - \_\_\_\_\_  
 (ग) कपोतः - \_\_\_\_\_  
 (घ) विद्वान् - \_\_\_\_\_  
 (ङ) राजन् - \_\_\_\_\_  
 (च) कुत्र - \_\_\_\_\_

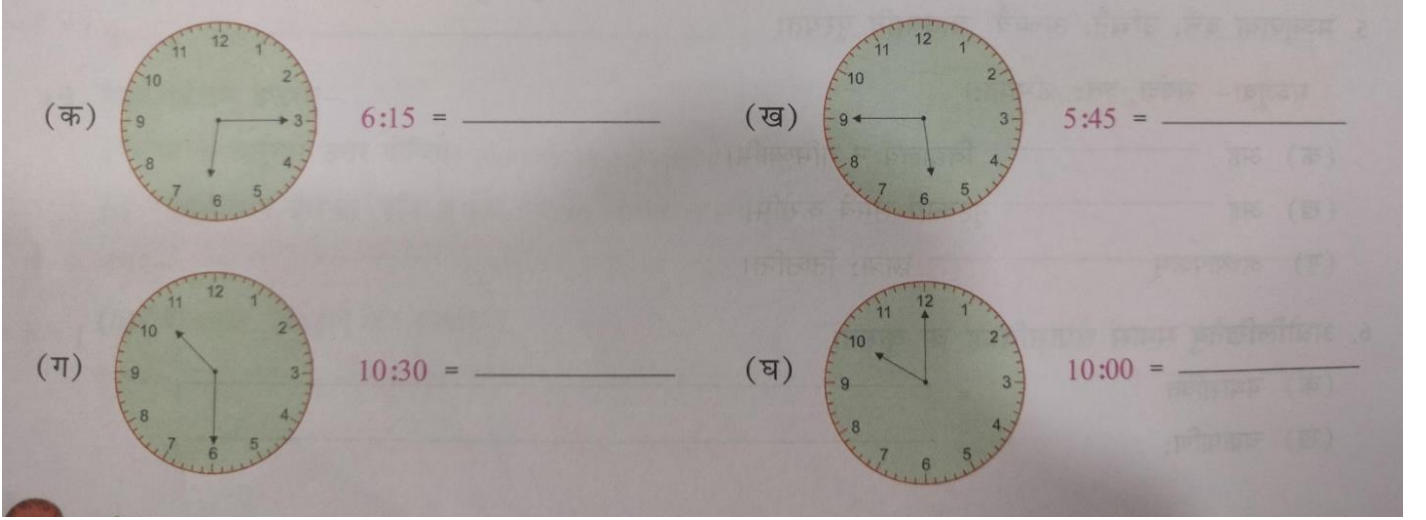
**प्रश्न 5 - कोष्ठकगतशब्देषु उचितविभक्ति प्रयुज्य रिक्तस्थानानि पूरयत।**

- (क) \_\_\_\_\_ अभितः वृक्षाः सन्ति। (ग्राम)  
 (ख) रामः \_\_\_\_\_ सह वनं गच्छति। (सीता)  
 (ग) सः \_\_\_\_\_ प्रति गच्छति। (गृह)  
 (घ) \_\_\_\_\_ नमः। (गुरु)  
 (ङ) पुत्रः \_\_\_\_\_ साकम् आपणं गच्छति। (जनक)

(च) \_\_\_\_\_ परितः जलं अस्ति। (नदी)

(छ) मार्गम् \_\_\_\_\_ भवनानि सन्ति। (दोनों ओर - उभयतः)

प्रश्न 6- घटिकां दृष्ट्वा उचितं समयं लिखत।



प्रश्न 7- मञ्जूषायाः पदानि गृहीत्वा पत्रमिदं पूरयत ।

मञ्जूषा - ज्ञात्वा, साधुवादान्, सदस्याः, करिष्यसि, अभिन्नम्।

विषय : 'कक्षायां प्रथमस्थानप्राप्तेः मित्रं प्रति वर्धापनपत्रम्'।

इन्द्रप्रस्थतः

तिथिः \_\_\_\_\_

प्रिय मित्र नैतिक ।

सस्नेहं नमो नमः। अत्र कुशलं तत्रास्तु ह्यः एव तव पत्रं प्राप्तम्। त्वया कक्षायां प्रथमं स्थानं प्राप्तम् इति \_\_\_\_\_ अहम् अतीव प्रसन्नः अभवम् । मम परिवारस्य सर्वे \_\_\_\_\_ तव साफल्यं श्रुत्वा अतीव प्रसन्नाः सन्ति। त्वम् अस्माकं सर्वेषामेव \_\_\_\_\_ अर्हसि। आगामिकक्षायामपि त्वम् एवमेव परिश्रमं \_\_\_\_\_ इति कथनस्य आवश्यकता नास्ति। स्वपितरौ अपि साधुवादान् कथय । गृहे सर्वेभ्यः सादर नमस्काराः अस्तु।

भवदीयः \_\_\_\_\_ मित्रम्

मुदितः



**CLASS – VIII**  
**HOLIDAY HOMEWORK**  
**COMPUTER SKILLS**

**ARTIFICIAL INTELLIGENCE**  
**Ch- AI Project Life Cycle**

**I. Make a poster on any one out of the given topics on A4 size sheet.**

**“ AI at Work ” or “ Phases of AI Project Life Cycle ”**

**II. Do the Worksheet- CT&AI (Ch- AI Domains & Applications) and paste in computer notebook.**

**III. Make a Chart on “Number Systems”**

# Worksheet- CT&AI

## Ch - AI Project Life Cycle

### A. Multiple Choice Questions.

1. Which AI technique predicts numerical values?  
a) Classification  
b) Clustering  
c) Regression  
d) Detection
2. Which AI domain works with images and videos?  
a) NLP  
b) Data Science  
c) Computer Vision  
d) Science
3. Clustering is mainly used to:  
a) Predict marks  
b) Group similar data  
c) Translate language  
d) Detect spam
4. In classification, the output is:  
a) A continuous value  
b) A predefined category  
c) A random number  
d) A chart
5. In dataset division, which data is used for final evaluation?  
a) Training  
b) Validation  
c) Test  
d) Raw data

### B. Fill in the Blanks.

1. Regression predicts \_\_\_\_\_ values.
2. Clustering does not require \_\_\_\_\_ data.
3. Computer Vision works mainly with \_\_\_\_\_ and videos.
4. NLP helps machines understand \_\_\_\_\_.
5. A dataset is divided into training, validation, and \_\_\_\_\_ sets.

### D. True or False.

1. Regression predicts categories.
2. Clustering is a supervised learning method.
3. Test data is used to evaluate model performance.
4. Computer Vision can detect object locations.
5. NLP can analyse sentiment in text.

**E. Identify the AI Domain.**

<b>AI APPLICATION</b>	<b>IDENTIFY THE TERM</b>
Analysing MRI scans	
Text summarization of long articles	
Recommending products based on past purchases	
Grouping customers by buying behaviour	
Chatbot answering customer queries	