

# **SYMIC GRAM BHARTI**

## **SUMMER VACATION ASSIGNMENT (2026-27)**

### **CLASS-VIII**

**Dear Students**

The holiday homework has been designed keeping in mind the objective of engaging you in self-explorative learning pursuits. Therefore, it is expected of you to do it proactively & insightfully in an organized manner resorting to the following guidelines:

- 1- The holiday homework (assignment or project work) is compulsory for all the students.
- 2- Use a notebook for this work and cover it properly (writing should be neat and legible.)
- 3- If your assignment requires a practical component, create a practical file that covers all the topics specified in the practical syllabus.
- 4- Summer vacation assignment will be submitted to concerned class teacher July 6, 2026.
- 5- Your notebook should be completely handwritten and include a cover page, index page.
- 6- Holiday homework/Practical/Project file will have weightage that will be included in annual examination.
- 7- Help parents in small household chores like dusting, cleaning and watering the plants.
- 8- Read story books in English and Hindi & Speak in English as much as possible.

Wishing all of you joyful & productive holidays!

**STAY HOME, STAY SAFE !!!**

**Mr. Vikas Pundir**  
**Principal**  
**Gram Bharti**

Helpline No: 9458228224

# ENGLISH

## PRACTICE WORKSHEET

**Q1. Read the passage carefully and answer the following questions.**

*The Amazon rainforest, often referred to as the “Lungs of the Earth,” is the largest tropical rainforest on the planet. It covers an area of approximately 5.5 million square kilometers and is home to an incredible diversity of plant and animal species. The rainforest plays a crucial role in regulating the Earth’s climate by absorbing carbon dioxide and producing oxygen through photosynthesis. However, the Amazon is facing numerous threats, including deforestation, climate change, and illegal logging. Deforestation, primarily driven by agricultural expansion and logging, poses a significant risk to the biodiversity and ecological balance of the region. The loss of trees not only reduces the forest’s ability to absorb carbon dioxide but also leads to habitat destruction and threatens the survival of indigenous communities and rare species. Efforts to protect the Amazon rainforest are underway, with initiatives aimed at conservation, sustainable land management, and the enforcement of environmental laws. International cooperation and support are essential to address the complex challenges facing the region and ensure the preservation of this invaluable ecosystem for future generations.*

**Answer the following questions:**

- 1. What is the Amazon rainforest often called, and why?**
- 2. How large is the Amazon rainforest, and what makes it significant?**
- 3. What are some of the threats facing the Amazon rainforest?**
- 4. Explain the role of deforestation in endangering the Amazon rainforest.**
- 5. What efforts are being made to protect the Amazon rainforest?**

**Q2. Read the poem carefully and answer the following questions**

*In the forest, tall and green,  
The whispering trees can be seen.  
Their branches sway in gentle breeze,  
Telling secrets only they seize.  
With leaves that rustle soft and low,  
They share stories that only they know.  
Of ancient days and mysteries deep,  
In their embrace, secrets they keep.  
As sunlight filters through the leaves,  
Their murmurs calm, like a gentle breeze.  
They speak of life, of love, of dreams,  
In the quiet of the woods, it seems.  
So listen closely when you’re near,  
The whispering trees, they hold dear.  
For in their whispers, you may find,  
A world of wonder, vast and kind.*

**Answer the following questions:**

1. What do the trees do in the poem?
2. How are the trees described in terms of their communication?
3. What is the opposite of the word 'soft'?
4. What is the figure of speech used in the above poem?
5. What message or lesson might the poet want readers to take away from the poem?

**Q3. Read the following sentences and identify the type of sentence.**

1. Please shut the windows and doors.
2. Do you like chocolate pastries?
3. My name is Astrid Gracy.
4. Where are you going?
5. Such a beautiful place!
6. Go and try this new dress.
7. Today is Monday.
8. Please clean your cupboard today.

**Q4. Read the following sentences and identify the type of noun used.**

1. Kolkata is the capital of West Bengal.
2. The Royal Bengal Tiger is found in the Sunderbans.
3. The jury gave a unanimous verdict.
4. Laughter is good for health.
5. The crowd is very big.
6. The elephant is an intelligent animal.
7. The Ganges is a sacred river.
8. I bought furniture for my new house.

**Q5. Write a Note on any 10 days of your summer vacation.**

**Q6. Prepare a travelogue on the recent place you have visited or on your favourite place, be creative and paste pictures also.**

*(It must include the name of the state, the areas explored, famous food, history, dance, etc)*

**Q7. Read the newspaper and find any two words on daily basis and write their meanings and form a sentence from the same.**

**Q8. Prepare a chart on anyone of the grammar topic:**

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

# MATHEMATICS

## 1. Fill In The Blanks

- (i) Zero has ..... reciprocal.
  - (ii) The numbers ..... and ..... are their own reciprocals.
  - (iii) The reciprocal of -5 is .....
  - (iv) Reciprocal of , where  $x \neq 0$  is .....
  - (v) The product of two rational number is always a .....
2. The product of two rational numbers is  $-\frac{28}{81}$ . If one of them is  $-\frac{2}{3}$  then find the other.
3. Find  $\frac{3}{7} + (-\frac{6}{11}) + (-\frac{8}{21}) + (\frac{5}{22})$
4. From a rope 11 m long, two pieces of lengths  $\frac{13}{5}$  m and  $\frac{33}{10}$  m are cut off. What is the length of the remaining rope?
5. A drum full of rice weighs  $\frac{241}{6}$  kg. If the empty drum weighs  $\frac{55}{4}$  kg, find the weight of rice in the drum.

## 6. Solve:

- (i)  $2y + 9 = 4$
- (ii)  $3x + 2(3x-1) = 12$
- (iii)  $4(x + 4) + 7 = 16$
- (iv)  $9y + 6(2y - 3) = 2(y-1)$
- (v)  $4m + 2 = 2(m-1)$

7. If the sum of two angles of a quadrilateral is  $180^\circ$ , . what is the sum of remaining two angles?

8. How many sides has a regular polygon, each angle of which is of measure  $108^\circ$ ?

9. The interior angle of a regular polygon is  $156^\circ$ . Find the number of sides of the polygon

10. What is the number of diagonals in a :

- (i) hexagon                      (ii) octagon                      (iii) hexagon

11. Find the number of sides of a regular polygon whose . exterior angle is  $45^\circ$

12. Two adjacent angles of a parallelogram are in the ratio 4:5. Find the measure of each of its angles.

13. Two sides of a parallelogram are in the ratio 5:3. If its. perimeter is 64 cm. Find the lengths of its sides.

14. The length of a rectangle is 8 cm and each of its diagonals measures 10 cm. Find its breadth.

## CREATIVE CORNER

**Note:** Do it on chart papers sheets.

1. (i).write all the properties of rational number in chart paper . ( Roll no 1 - 15)  
(ii). Draw a flowchart on Types of quadrilateral .(Roll no 16-30)  
(iii).Make a puzzle based on linear equations in one variable and solve it. (Roll no 31 onwards)
2. Make a tessellation by using different types of polygons and name them. (For all)

# SCIENCE

## **A. Critical thinking:**

1. Can growing a few wheat plants in your garden be called as growing crops? Explain.
2. Do you think using public transport, carpooling and riding bicycles can save natural resources?
3. It is often seen that the pillars holding the bridge have a broader base, why?

**B. Discovery base learning:** Coal is used to generate electricity in thermal power plants. Find out the location of major thermal power plants in India. What could be the reasons for their being located at those places?

## **C. Experiential learning:**

1. Identify the action as 'Push' or 'pull' in the following examples:

- a. A football hit by a player.
- b. Closing a door.
- c. Moving a cart in a departmental store.
- d. Opening the door.
- e. Inserting a plug in the socket.
- f. Opening a drawer.

2. Our earth is like magnet, which attracts everything towards it. This force that earth exerts on the other objects is called as the earth's gravity. It is denoted by 'g' and is equal to  $9.8 \text{ meter / s}^2$ . Do you think each planet has its own gravity? Read and find out Moon also.

**NOTE:** Do all the work in separate sheets•

**Learn all the syllabus done in your notebook.•**

## 1. आत्म-परिचय

अपने बारे में 150-200 शब्दों में लिखिए।

- नाम
  - परिवार
  - विद्यालय
  - रुचियाँ
  - जीवन का लक्ष्य
- 

## 2. मेरा प्रिय त्योहार

"मेरा प्रिय त्योहार" विषय पर 200 शब्दों का निबंध लिखिए।

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## 3. पुस्तक समीक्षा

आपने अवकाश में जो भी पुस्तक पढ़ी हो, उसकी समीक्षा लिखिए।

- पुस्तक का नाम
  - लेखक
  - मुख्य पात्र
  - कहानी का सार
  - आपने क्या सीखा
- 

## 4. कविता लेखन

निम्न विषयों में से किसी एक पर 8–10 पंक्तियों की कविता लिखिए:

- प्रकृति
  - वर्षा ऋतु
  - मेरा भारत
- 

## 5. पर्यावरण संरक्षण पर पोस्टर

एक सुंदर पोस्टर बनाइए और उसका नारा लिखिए।

उदाहरण:

"पेड़ लगाओ, धरती बचाओ"

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## 6. मुहावरे और उनके अर्थ

निम्न मुहावरों के अर्थ लिखकर वाक्य बनाइए:

1. आँखों का तारा
  2. हाथ पर हाथ धरे बैठना
  3. नौ दो ग्यारह होना
  4. दाँत खट्टे करना
  5. सिर पर चढ़ाना
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## 7. अपठित गद्यांश

किसी समाचार पत्र से एक हिंदी लेख काटकर चिपकाइए तथा उसका 100 शब्दों में सार लिखिए।

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## 8. रचनात्मक कार्य

"यदि मैं विद्यालय का प्रधानाचार्य होता/होती" विषय पर 200 शब्दों में लेख लिखिए।

## 9. परियोजना कार्य

### स्वतंत्रता सेनानी पर परियोजना

किसी एक स्वतंत्रता सेनानी का चित्र लगाकर निम्न जानकारी लिखिए:

- जन्म स्थान
- प्रमुख कार्य
- स्वतंत्रता आंदोलन में योगदान
- प्रेरणादायक संदेश

जैसे: Mahatma Gandhi, Subhas Chandra Bose, Bhagat Singh

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## 10. सुंदर लेखन

प्रतिदिन एक पृष्ठ हिंदी सुलेख लिखिए (कम से कम 10 दिन)।

# विषय— संस्कृत

## 1. मम परिचयः (मेरा परिचय)

संस्कृत भाषा में 10-12 वाक्य लिखिए।

उदाहरणः

- मम नाम \_\_\_\_\_ अस्ति।
  - अहं अष्टमकक्षायां पठामि।
  - मम विद्यालयस्य नाम \_\_\_\_\_ अस्ति।
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## 2. संस्कृत श्लोक-संग्रहः

निम्नलिखित श्लोकों को लिखकर उनका हिन्दी अर्थ लिखिए:

1. विद्या ददाति विनयम्।
  2. गुरुर्ब्रह्मा गुरुर्विष्णुः।
  3. सर्वे भवन्तु सुखिनः।
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## 3. शब्दरूपाणि

निम्नलिखित शब्दों के तीनों वचनों में रूप लिखिए:

- राम
  - फल
  - लता
- 

## 4. धातुरूपाणि

लट् लकार (वर्तमान काल) में धातुरूप लिखिए:

- पठ् (पढ़ना)
  - गम् (जाना)
  - खाद् (खाना)
-

## 5. चित्रवर्णनम्

किसी एक चित्र (विद्यालय, उद्यान, परिवार आदि) का संस्कृत में 8-10 वाक्यों में वर्णन कीजिए।

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## 6. संस्कृत संख्या लेखनम्

1 से 50 तक संस्कृत में संख्याएँ लिखिए।

उदाहरण:

- १ — एकम्
  - २ — द्वे
  - ३ — त्रीणि
- 

## 7. पर्यावरण विषयक लेखः

"वृक्षाणां महत्त्वम्" विषय पर 10-12 संस्कृत वाक्य लिखिए।

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## 8. सुभाषितानि

पाँच सुभाषित लिखकर उनके हिन्दी अर्थ लिखिए।

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## 9. परियोजना कार्य (Project Work)

"संस्कृत भाषा का महत्व"

- संस्कृत भाषा का परिचय
- संस्कृत का महत्व
- प्रसिद्ध संस्कृत ग्रन्थ
- संस्कृत के प्रसिद्ध विद्वान
- चित्र एवं सजावट

# **SUBJECT- COMPUTER**

## **1. Computer Basics**

Write a short paragraph (150–200 words) on:  
**“Role of Computers in Modern Life”**

Include areas like education, business, healthcare, communication, and entertainment.

## **2. Components of a Computer System**

Draw and label a neat diagram of a computer system.  
Explain the function of:

- CPU (Central Processing Unit)
- Input Devices
- Output Devices
- Memory Unit

## **3. Input and Output Devices**

Make a table with:

- 5 Input devices
  - 5 Output devices
- Write one use of each.

## **4. Operating System (OS)**

Answer the following:

- What is an Operating System?
- Write names of any 3 operating systems (Windows, Linux, etc.)
- Write 3 functions of an OS

## **5. Internet and Cyber Safety**

Write:

- What is the Internet?
- What is a web browser?
- Write 5 cyber safety rules for students

## 6. MS Word (Word Processing)

Write steps to:

- Create a document
- Save a document
- Format text (font, size, color)
- Insert an image

## 7. Storage Devices

Explain briefly:

- Hard Disk
- Pen Drive
- CD/DVD
- Memory Card

## 8. Programming Basics

- What is programming?
- What is an algorithm?
- Write a simple algorithm for “Making a Sandwich” or “Brushing Teeth”

## 9. Project Work

**Topic: “Computer Generations”**

Include:

- First to Fifth generation computers
- Features of each generation
- Neat diagrams/pictures

# SUBJECT- DRAWING

## 1. Still Life Drawing

Draw a **still life composition** using any 3 objects:

- Fruit bowl
- Bottle
- Cup/Glass
- Books

Focus on shading and proportion.

## 2. Nature Drawing

Draw and colour any one:

- Sunrise or sunset
- Garden scene
- Mountains with river
- Rainy season scene

## 3. Poster Making

Make a colourful poster on any one topic:

- “Save Trees, Save Earth”
- “Save Water, Save Life”
- “Clean India, Green India”

Add slogan and drawings.

## 4. Sketching Practice

Do pencil sketching of:

- Flower
- Tree
- Bird (any one)

Practice light and dark shading.

## 5. Indian Culture Drawing

Draw any one:

- Traditional festival scene (Diwali / Holi)
- Village life
- Indian monument (Taj Mahal / Red Fort)

## 6. Mandala Art

Create one **Mandala design** using geometric patterns and colours.

## 7. Cartoon Drawing

Draw your favourite:

- Cartoon character
- Comic scene (2–3 characters interacting)

# SUBJECT- MORAL EDU.

## 1. Values in Daily Life

Write a short paragraph (150–200 words) on:  
**“Importance of Good Values in Life”**

Include values like honesty, respect, kindness, discipline, and responsibility.

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## 2. My Good Habits

List and explain 10 good habits you follow or want to follow, such as:

- Waking up early
  - Respecting elders
  - Helping others
  - Saving water and electricity
- 

## 3. Thought of the Day

Write 10 “Thoughts of the Day” with meaning.

Example:

- “Honesty is the best policy.”
  - “Hard work never fails.”
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## 4. Respect for Others

Write 100–150 words on:

**“How I show respect to my parents, teachers, and friends”**

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## 5. Moral Stories

Write any 2 moral stories with lesson:

- The Boy Who Cried Wolf
- The Thirsty Crow
- The Lion and the Mouse

Include:

- Story
  - Moral of the story
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## **6. Self-Discipline**

Write 100–150 words on:

**“Importance of Self-Discipline in Student Life”**

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## **7. Helping Others**

Describe one real-life situation where you helped someone or would like to help others.

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