

# PRAYAG ACADEMY

—★ KANPUR ★—

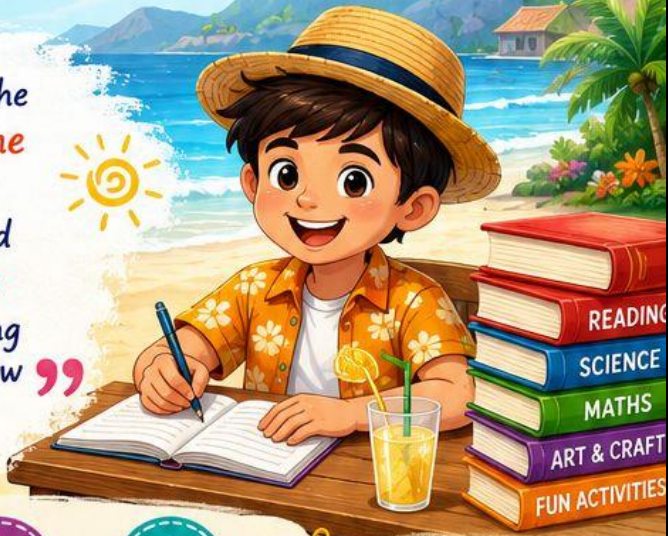
Affiliated to **CISCE** Board, New Delhi

# HOLIDAY HOMEWORK

★ LEARN ★ EXPLORE ★ GROW ★

- READ
- DISCOVER
- CREATE
- DREAM
- ACHIEVE

“ Summer is the perfect time to relax, reflect and recharge while learning something new every day! ”



Read More



Learn New Things



Be Creative



Stay Curious



Have Fun



Make Every Day Count

## STAY CONNECTED WITH US



**MOBILE NUMBER**  
9454912410



**EMAIL ADDRESS**  
prayagacademy.edu@gmail.com



**WEBSITE**  
prayagacademy.in



**SCHOOL ADDRESS**  
Prayag Academy, Kanpur

Dear Students,  
Take time to enjoy, explore and make beautiful memories.  
Your homework is a step towards a brighter and smarter YOU!



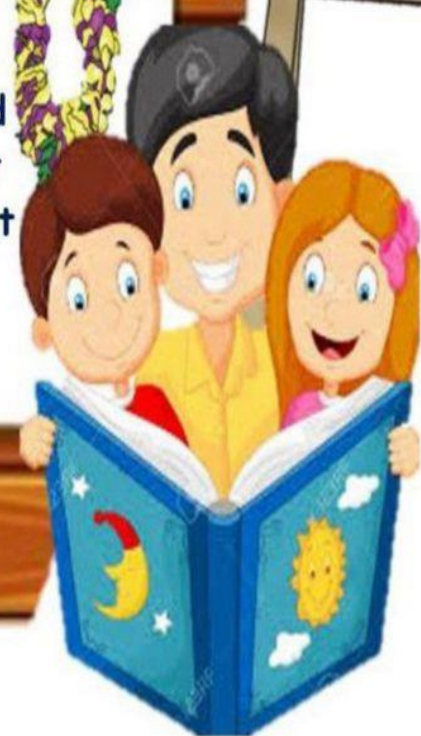
# Summer Holiday



Hurray!!! The Summer Holidays are here... It's time to take a break, sit back & enjoy a few weeks on holiday! To keep the little ones engaged & be in touch with the learnings done in the class, the Summer Holiday Activities are designed with a motto of "Fun & Learn". Homework Worksheets & a bank of fun filled activities is being uploaded on our 'School Portal'.

So, parents, let them put their thinking caps & get their imagination going. Please download the Worksheets & Activities. Let us all help them be more confident & independent...

**Happy Holidays!!!**





# PRAYAG ACADEMY

(Affiliated to C.I.S.C.E. Board)

## "SUMMER HOLIDAY HOMEWORK [2026-27]"

### CLASS:- "VII"

SUBJECT	HOMEWORK
HINDI	<ul style="list-style-type: none"><li>अपने इलाके में बढ़ते अपराध की सूचना देते हुए थानाध्यक्ष को पत्र लिखिए।</li><li>बढ़ता प्रदूषण- प्रदूषण का अर्थ, प्रकार, हानियाँ, रोकथाम के उपाय उपयुक्त बिंदुओं के आधार पर 200 शब्दों में निबंध लिखिए।</li><li>कोई एक शिक्षाप्रद कहानी अपने शब्दों में लिखिए।</li></ul>
SANSKRIT	<ul style="list-style-type: none"><li>कोई दो श्लोक अर्थ सहित A4 शीट में लिखिए।</li><li>1-50 तक संस्कृत में गिनती लिखिए।</li><li>मुनि व साधु शब्द रूप लिखिए व याद करें।</li><li>गम् धातु (लट्, लृट्, लङ् व लोट् लकार) रूप लिखिए व याद करें।</li></ul>
ENGLISH	<ul style="list-style-type: none"><li>Design A Decorative Restaurant Menu That Includes Countable And Uncountable Nouns. Segregate Them With Different Colour.</li><li>Write A Paragraph About A Time When You Felt Curious Excited Or Even A Little Scared While Reading Or Seeing A Mysterious Story. Write A Few Sentences About How That Made You Feel Which Part Of The Story Affected You The Most.</li><li>Learn And Write Word Often Confused From Page Number 133 And 144 Till Die/Dye In English Language Notebook.</li><li>Choose A Notable Personality (<b>Scientist, Freedom Fighter, Artist, Sports Star</b>) Research Key Facts About Their Life, Birth, Education, Achievements, Contribution And Character Traits. Prepare A Brief Biographical Sketch. Highlights The Qualities Which Inspire You A Lot And Why?</li><li>Do Reading Comprehension On Page Number 162 In Book.</li><li>Design A Poster On The Theme '<b>Say No To Plastic</b>' To Be Issued By An Environmental NGO. Mention The Harmful Affects Of Plastic On The Environment And Suggest Alternative To Plastic Use.</li><li>Here are some of the English Idioms related to colours. Find out the meanings of these Idioms-<ol style="list-style-type: none"><li>Black mood</li><li>Black and white</li><li>Golden handshake</li><li>Green fingers</li><li>Gray matter</li><li>Catch someone red handed</li><li>Out of the blue</li></ol></li><li>1. Listen to the song '<b>I have a dream</b>, A song to sing' by <b>Abba</b>. Write the theme of the song, which was converted into a poem in your words. (<b>100-150</b>). Mention the poetic devices</li><li>2. Read any of these books written by <b>Dr. A. P. J Abdul Kalam - You Are Born to Blossom'</b> or '<b>India 2020</b>' Write in your own words the inspiration and knowledge that you imbibed after reading these books in at least ten points.</li><li><b>(Above activities are to be done in English grammar notebook)</b></li></ul>
MATHEMATICS	<ul style="list-style-type: none"><li><b>Solve The Given Sheet.</b></li><li><b>Prepare a project based on the topic allotted according to roll numbers. File your research work keeping the following points in order:</b><ul style="list-style-type: none"><li>Title page (topic of the project)</li><li>Cover page (essence of the project)</li><li>Table of contents(index)</li><li>Introduction of the topic</li><li>History (when, how and by whom it has been discovered)</li><li>Terminology and symbol used</li><li>Explanation of the topic</li><li>Game or puzzle related to the topic</li><li>Mathematical problems with solutions (only 5)</li></ul></li></ul>

- Real life applications (use pictures)
- The topics allotted are as follows:
- Rational numbers
- Linear Equation in one variable
- Understanding quadrilateral
- and Data handling
- (Practice worksheet to be attached in homework notebook. Worksheet will be uploaded separately)*

### SECTION A - INTEGERS

#### 1. Fill In The Blanks

- A)  $-7 + 12 = \underline{\quad}$                       B)  $-15 + (-10) = \underline{\quad}$                       C)  $25 - (-8) = \underline{\quad}$   
 D) Predecessor Of  $-3 = \underline{\quad}$                       E)  $-20 - 5 = \underline{\quad}$                       F)  $|-14| = \underline{\quad}$

#### 2. True Or False

- A) Every Negative Integer Is Less Than 0.                               B)  $-3$  Is Greater Than  $-1$ .           
 C) Zero Is An Integer.

#### 3. Solve

- A)  $-18 + 7 = \underline{\quad}$                       B)  $-25 + 30 = \underline{\quad}$   
 C)  $-12 - (-3) = \underline{\quad}$                       D)  $-9 - 6 = \underline{\quad}$

### SECTION B - FRACTIONS

#### 1. Simplify

- A)  $24/36 = \underline{\quad}$                       B)  $45/60 = \underline{\quad}$                       C)  $30/45 = \underline{\quad}$

#### 2. Add / Subtract

- A)  $2/3 + 1/4 = \underline{\quad}$                       B)  $7/8 - 3/16 = \underline{\quad}$                       C)  $5/6 + 1/12 = \underline{\quad}$

#### 3. Multiply / Divide

- A)  $3/5 \times 4 = \underline{\quad}$                       B)  $5/8 \times 16 = \underline{\quad}$   
 C)  $2/3 \div 2 = \underline{\quad}$                       D)  $4 \div 1/2 = \underline{\quad}$

#### 4. Word Problems

- A) A Jug Contains  $3/4$  L Of Milk. Aditi Drinks  $1/6$  L. How Much Milk Is Left?  
 B) Ritu Ate  $2/5$  Of A Cake And Her Sister Ate  $1/5$ . How Much Of The Cake Was Eaten?

### SECTION C - RATIO & PROPORTION

#### 1. Simplify The Ratios

- A)  $18 : 24 = \underline{\quad}$                       B)  $45 : 60 = \underline{\quad}$                       C)  $25 : 100 = \underline{\quad}$

#### 2. Fill In The Blanks

- A)  $3 : 5 = \underline{\quad} : 20$   
 B) If 6 Notebooks Cost ₹90, 1 Notebook Costs ₹          
 C) Ratio Of 30 Minutes To 2 Hours =

#### 3. Solve

- A) A Recipe Uses Sugar And Flour In The Ratio  $2 : 5$ . If Sugar Used Is 100 G, Find Flour Needed.  
 B) The Ratio Of Boys To Girls Is  $4 : 3$ . If There Are 28 Boys, How Many Girls?

### SECTION D - ALGEBRA

#### 1. Solve For The Variable

- A)  $X + 7 = 18 \rightarrow X = \underline{\quad}$                       B)  $5y = 45 \rightarrow Y = \underline{\quad}$   
 C)  $Z - 9 = 16 \rightarrow Z = \underline{\quad}$                       D)  $3a + 4 = 25 \rightarrow A = \underline{\quad}$

#### 2. Evaluate

- A)  $2x + 5$  When  $X = 6$                       B)  $3a - 7$  When  $A = 10$   
 C)  $4p + 12$  When  $P = 3$

#### 3. Simplify

- A)  $3 \times (X + 5)$                       B)  $2 \times (Y - 4)$                       C)  $5(2a + 3)$

### SECTION E - PERIMETER & AREA

#### 1. Fill In The Blanks

- A) Perimeter Of A Square =           $\times$  Side                      B) Area Of A Rectangle =           $\times$            
 C) Area Of A Square =           $\times$                                D) Perimeter Of Rectangle =  $2(\underline{\quad} + \underline{\quad})$

#### 2. Solve - Perimeter

- A) Find The Perimeter Of A Square With Side 9 Cm.  
 B) Find The Perimeter Of A Rectangle With Length 12 Cm And Breadth 8 Cm.  
 C) A Triangle Has Sides 7 Cm, 9 Cm & 6 Cm. Find Its Perimeter.

**3. Solve – Area**

- A) Area Of A Square With Side 14 Cm.
- B) Area Of A Rectangle With Length 25 Cm & Breadth 15 Cm.
- C) A Rectangular Field Is 40 M Long And 25 M Wide. Find Its Area.

**4. Word Problems**

- A) A Farmer Owns A Square Plot With Each Side.30 M. Find Its Area And Perimeter.
- B) The Length Of A Classroom Is 12 M And Breadth Is 9 M. Find The Area Of The Floor.

- Do The Given Worksheet In Physics Notebook.

**Section A. Multiple Choice Questions (Mcqs)**

**1. When Solids Are Heated, They Generally**

- A) Contract
- B) Expand
- C) Melt
- D) Evaporate

**2. Which State Of Matter Shows The Maximum Expansion On Heating?**

- A) Solid
- B) Liquid
- C) Gas
- D) Plasma

**3. Heat Travels Through Metals Mainly By**

- A) Convection
- B) Radiation
- C) Conduction
- D) Reflection

**4. Which Mode Of Heat Transfer Does NOT Require A Medium?**

- A) Conduction
- B) Convection
- C) Radiation
- D) Insulation

**5. Sound Is Produced Due To**

- A) Reflection
- B) Vibration
- C) Heating
- D) Expansion

**6. The Unit Of Frequency Is**

- A) Decibel
- B) Joule
- C) Hertz
- D) Meter

**7. Sound Travels Fastest Through**

- A) Air
- B) Water
- C) Vacuum
- D) Solids

**8. Loudness Of Sound Depends On**

- A) Frequency
- B) Wavelength
- C) Amplitude
- D) Speed

**9. The Naturally Occurring Magnet Is**

- A) Bar Magnet
- B) Horseshoe Magnet
- C) Lodestone
- D) Electromagnet

**10. A Magnet Always Aligns Itself In**

- A) East–West Direction
- B) North–South Direction
- C) Random Direction
- D) Vertical Direction

**11. Like Poles Of A Magnet**

- A) Attract
- B) Repel
- C) Neutralize
- D) Rotate

**12. Which Material Is Attracted By A Magnet?**

- A) Plastic
- B) Wood
- C) Iron
- D) Glass

**Section B. Fill In The Blanks (FIB)**

1. The Increase In Size Of A Body On Heating Is Called \_\_\_\_\_.
2. Liquids Expand More Than \_\_\_\_\_.
3. The Transfer Of Heat Through Direct Contact Is Called \_\_\_\_\_.
4. \_\_\_\_\_ Occurs Only In Liquids And Gases.
5. Sound Cannot Travel Through \_\_\_\_\_.
6. The Number Of Vibrations Per Second Is Called \_\_\_\_\_.
7. The Loudness Of Sound Is Measured In \_\_\_\_\_.
8. The Ends Of A Magnet Are Known As \_\_\_\_\_.
9. A Freely Suspended Magnet Rests In \_\_\_\_\_ Direction.
10. The Magnetic Effect Is Strongest At The \_\_\_\_\_ Of A Magnet.

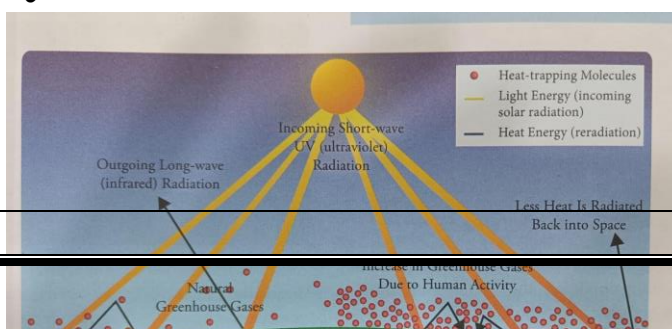
**Section C. One Word Answers**

1. Expansion In Solids
2. Mode Of Heat Transfer In Metals
3. Device Used To Measure Temperature
4. Smallest Audible Sound Intensity
5. Rate Of Vibration
6. Unit Of Loudness Of Sound
7. Natural Magnet
8. Instrument Used To Find Directions
9. Material Used To Make Permanent Magnets
10. Region Around A Magnet Where Force Acts

**Section -D. True Or False**

PHYSICS

	<ol style="list-style-type: none"> <li>1. Solids Expand More Than Liquids On Heating.</li> <li>2. Conduction Takes Place Mainly In Solids.</li> <li>3. Radiation Requires A Medium To Travel.</li> <li>4. Sound Is A Form Of Energy.</li> <li>5. Pitch Depends On Amplitude Of Sound.</li> <li>6. Sound Travels Faster In Air Than In Steel.</li> <li>7. A Magnet Has Only One Pole.</li> <li>8. Iron Filings Stick More At The Poles Of A Magnet.</li> <li>9. Heating A Magnet Increases Its Strength.</li> <li>10. Magnetic Force Can Act At A Distance.</li> </ol>
<b>CHEMISTRY</b>	<ul style="list-style-type: none"> <li>• Make A Scrapbook Of Types Of Changes. Give Two Example Of Each.</li> <li>• Make A Model Showing Arrangement Of Particles In Solid, Liquid, Gas (Using Beads, Pulses, Thermocol Etc.)</li> </ul>
<b>BIOLOGY</b>	<ul style="list-style-type: none"> <li>• Make A Clay Model Of Neuron Or Muscle.</li> <li>• Make A Flowchart Of Plant Tissue And Animal Tissue On A Chart Paper.</li> </ul>
<b>HISTORY</b>	<p>You All Are Instructed To Prepare A History Project On The Topic "Later Vedic Period".</p> <ul style="list-style-type: none"> <li>• Project Guidelines</li> <li>• Prepare The Project On A4 Sheets Or In A Project File.</li> <li>• Explain The Lifestyle, Society, Occupation, Education, Religion And Culture Of The Later Vedic Period.</li> </ul> <p>Add Relevant Pictures, Drawings Or Maps To Make The Project Attractive.</p> <p>The Project Should Contain-</p> <ol style="list-style-type: none"> <li>1. Cover Page</li> <li>2. Index</li> <li>3. Introduction</li> <li>4. Main Content</li> <li>5. Conclusion</li> </ol> <ul style="list-style-type: none"> <li>• Project Should Be Creative Information And Neatly Presented.</li> </ul>
<b>GEOGRAPHY</b>	<ul style="list-style-type: none"> <li>• Draw The Political Map Of India In A Chart Paper And Mark The Following</li> </ul> <ol style="list-style-type: none"> <li>1. Mountain Ranges (E.G. Himalayas)</li> <li>2. Plateaus</li> <li>3. Plains</li> <li>4. Major Rivers</li> <li>5. Deserts</li> </ol> <p>Note -Use Different Colours And Create A Map Key</p> <ol style="list-style-type: none"> <li>2. If The Distance Between Two Places On A Map Is 5 Cm And The Scale Is 1 Cm Is Equal To 10 Km Find The Real Distance.</li> <li>3. Make A 3D Model Showing Geographical Features Such As Mountains, Rivers, Plains And Plateaus.</li> </ol> <p>Note- Children Can Use Clay Cardboard Or Any Other Craft Material.</p> <p>Label Each Feature Clearly.</p> <p><b>Answer these Questions :</b></p> <p><b>Q1. Why are maps often called "the language of a geographer"?</b></p> <p><b>Q2. On a toposheet, you see a large area shaded in yellow, with scattered red dots, and a blue line running through it. What can you infer about this area?</b></p> <p>3.write these Colour's Representation</p> <p>Yellow White Green Red Black</p> <p><b>Q4. Make the mind map of chapter 1</b></p> <p><b>Q5. Picture Based Questions</b></p>



Watch the picture and answer these questions -

- Q.a. which effect is shown on given picture
- b. what is green house effect ?
- c.what is global warming?
- d. Write the causes of global warming.

**Q6. Draw the conventional signs and symbols of following -**

- a.lined well
- b. [post](#) office
- C.cart track
- D. Footpath
- E.permanent huts
- F . contours
- G.International boundary
- H.State Boundary
- I.District Boundary
- J.Protected forest

**COMPUTER**

Make A Collage On The Chart Paper. Topic- Internal And External Hardware Devices And Write 2 Points On Each.

**ART AND CRAFT**

**Dancing Princess**

Use paper napkins, old wires and threads to make your Dancing Princess. You can use the given photo for your reference.



# Dancing Princesses

Pipe Cleaner Craft



- Evaluation Criteria: - Total Marks- 10
- \*Neatness- 2
  - \*Content- 2
  - \*Relevance- 2
  - \*Presentation- 2
  - \*Cover page- 2
