



# St. Mary's Convent Inter College

32, Thornhill Road, Prayagraj, UP - 211002

## HOLIDAY HOMEWORK - 2026

### Class – 7

Subject	Holiday Homework																								
English Language	<p>Instructions: Use interleaf project sheets, arrange them neatly, and secure them using a tag.</p> <p>1 Reading is a passport to countless adventures." Read the following three books during the vacation:</p> <ol style="list-style-type: none"> <li>1. Little Women by Louisa May Alcott</li> <li>2. The Blue Umbrella by Ruskin Bond</li> <li>3. The Diary of a Young Girl by Anne Frank</li> </ol> <p>1. The Bookmark Challenge Create three beautiful, handmade bookmarks (one for each book). Your designs must follow the Color-Code Mastery rule to reflect your emotional connection: Yellow: Use for patterns if the book made you feel Happy. Blue: Use for the background if the book made you Think Deeply. Green: Use for borders if the book reminded you of Nature/Environment. Red: Use for text/quotes if the book showed Great Bravery. Note: On the back of each bookmark, write one Abstract Noun that best describes the book (e.g., Resilience, Compassion, Integrity).</p> <p>2. The "5W &amp; 1H" Journal (Structured Reporting) Task: Select one major news story from the last week of May and one from each of the first two weeks of June. Create a table identifying the following details for each event:</p> <table border="1" data-bbox="392 1350 1449 1503"> <thead> <tr> <th>Who</th> <th>What</th> <th>Where</th> <th>When</th> <th>Why</th> <th>How</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Who	What	Where	When	Why	How																		
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English Literature	<p>Instructions: Use interleaf project sheets, arrange them neatly, and secure them using a tag.</p> <p><b>1. Shakespearean Comic Storyboard: "A Midsummer Night's Dream"</b> Task: Create an 8-panel storyboard on an A4 sheet illustrating the key events of the play. Focus: Dedicate one panel to each major plot point, such as Puck's mischief or Bottom's transformation. Creative Twist: Include speech bubbles with at least one original line from the play for each panel. <b>Sample Storyboard Layout:</b></p> <table border="1" data-bbox="392 1872 1449 1944"> <tbody> <tr> <td>Panel 1: The Duke's Decree</td> <td>Panel 2: Lovers in the Wood</td> <td>Panel 3: Puck's Mistake</td> <td>Panel 4: Bottom's Head</td> </tr> </tbody> </table>	Panel 1: The Duke's Decree	Panel 2: Lovers in the Wood	Panel 3: Puck's Mistake	Panel 4: Bottom's Head																				
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	Panel 5: Titania Falls in Love	Panel 6: The Lysander/Demetrius Duel	Panel 7: The Antidote	Panel 8: The Wedding
	<p><b>2. Nature's Poetry Scrapbook</b> Task: Select either "Rain in Summer" or "Scratching the Tiger's Back" for a visual project. The Goal: Identify three distinct images described in the poem (e.g., the "clatter on the roofs" or the "tiger's black and gold stripes"). Creative Element: Write a short paragraph on why you think the poet chose those specific descriptions.</p>			
Hindi	<ol style="list-style-type: none"><li>1. मृदुला की पुस्तक से पाठ -4' हम दीवानों की क्या हस्ती' कविता को मृदुला की अभ्यास पुस्तिका में कवि व कविता संबंधित चित्र बना कर लिखिए।</li><li>2. पर्यायवाची शब्द - 16-30( गंगा - पत्थर)</li><li>3. विलोम शब्द - उर्वर से रुग्ण तक</li><li>4. अनेकार्थक शब्द- 1 से 26 (अर्थ से तनु)</li><li>5. वाक्यांश -(1 से 20) पेज नंबर- 69</li><li>6. समरूपी भिन्नार्थक शब्द- (1 से 25 तक)</li><li>7. मुहावरे -16 से 30 तक</li><li>8. निबंध - ग्रीष्म अवकाश के अपने अनुभव को चित्र सहित लिखिए।</li></ol> <p>नोट- व्याकरण का काम व्याकरण अभ्यास पुस्तिका में लिखिए।</p>			
Sanskrit	<ol style="list-style-type: none"><li>1. शब्द रूप- रमा (आकारांत स्त्रीलिंग) लिखिए। (पृष्ठ संख्या - 106)</li><li>2. धातु रूप- भू (होना) पांचो लकार लिखिए। (पृष्ठ संख्या -112-113)</li><li>3. विलोमपदानि - 1-15 लिखिए। (पृष्ठ संख्या -123)</li><li>4. पाठ-8- सप्त श्लोक का शब्द अर्थ एवं सूक्ति लिखिए।</li></ol> <p>नोट- सभी कार्य संस्कृत की अभ्यास पुस्तिका में लिखिए।</p>			
Mathematics	<p>Do all this homework in a separate thin notebook.</p> <p><b>Chapter: Integers</b> <b>Q1. Number Line Activity</b> Draw a number line from -10 to +10. a) Start at -3 and move 5 steps to the right. Write where you land. b) The temperature was -2°C and rose by 6°C. Draw a thermometer or number line to show the change.</p> <p><b>Chapter: Rational Numbers</b></p>			



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## Q1. Pizza Fraction Activity

Draw 3 circles like pizzas and divide each into 8 equal parts.

- Colour  $\frac{3}{8}$  of the first pizza in red.
- Colour  $\frac{5}{8}$  of the second pizza in blue.
- Show  $\frac{3}{8} + \frac{5}{8}$  using colours in the third pizza.

Write the final answer below the pizzas.

## Chapter: Lines and Angles

### Q1. Angle Activity

Draw two parallel lines cut by a transversal line and label the angles from 1 to 8.

Using different colours, mark:

- Corresponding angles
- Co-interior angles
- Alternate angles

Make the diagram neat and colourful.

### Q4. Creative Multiplication Activity – Table Wheel

Students will create a rotating “Table Wheel” using cardboard or chart paper.

- Write a multiplication table number in the centre (example:  $\times 5$ ,  $\times 7$ ,  $\times 10$ ).
- Divide the outer circle into 12 equal parts and write numbers 1–12.
- Rotate and practise the multiples orally or in written form.
- Create wheels for different tables from 2 to 20.



History/Civics

Kindly Note -Use Inter leaf project sheet to do the Holiday Homework and tie it using a tag.

- Architectural Scrapbook: Create a "Monument Profile" for three structures from the Sultanate era (e.g., Qutub Minar, Alai Darwaza). Include a hand-drawn sketch or photo, the name of the Sultan who built it, and two unique architectural features like the use of arches or calligraphy.
- Dynasty Timeline Scroll: Create a vertical "Dynasty Scroll"  
List the timeline of the events in chronological order of the five dynasties (Slave, Khilji, Tughlaq, Sayyid, and Lodi)
- The Constitution Fact-File: Create a "Did You Know?" flip-book with 5 interesting facts about the making of the Indian Constitution (e.g., the time taken



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	<p>to write it, the role of Dr. B.R. Ambedkar, and the fact that it was originally handwritten).</p> <ul style="list-style-type: none"><li>• The Constitution of India and the Preamble Fact-Sheet: Create a summary sheet that answers the 15 questions "Quick rapid -fire"</li></ul> <p>Who was the Chairman of the Drafting Committee?</p> <p>Who was the President of the Constituent Assembly?</p> <p>On which date was the Constitution adopted?</p> <p>On which date did it come into force?</p> <ul style="list-style-type: none"><li>• Glossary of Medieval Terms: Identify and define 10 key terms from the chapters included in First Terminal Examination Include terms like Iqta, Kharaj, Garrison Town, and Zill-i-Ilahi. Define them</li></ul>
Geography	<ul style="list-style-type: none"><li>• <b>INSTRUCTIONS : Complete all the work on A4 coloured sheets. You can use pictures And printouts related to the assignment.</b></li><li>I. <b>Map Activity: Political &amp; Physical Features Locate on a Map: Label the following in your atlas/notebook</b><ol style="list-style-type: none"><li>1. <b>Oceans/Seas:</b> Atlantic Ocean, Arctic Ocean, Mediterranean Sea, Baltic Sea, Black Sea, Caspian Sea.</li><li>2. <b>Mountain Ranges:</b> Alps, Pyrenees, Ural Mountains, Carpathian Mountains, Apennines</li><li>3. <b>Rivers:</b> Volga, Danube, Rhine, Seine, Thames. 4. <b>Peninsulas:</b> Iberian, Scandinavian, Jutland.</li></ol></li><li><b>Country Hunt:</b></li><li>4. <b>Mark the capitals</b> of France (Paris), Germany (Berlin), Italy (Rome), Spain (Madrid), and the UK (London).</li></ul> <p>Map of Europe</p>



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## II. Short Answer Questions

- Q1. Why is Europe referred to as a "peninsula of peninsulas"?
- Q2. Identify the two major mountain ranges that serve as natural boundaries between Europe and Asia.
- Q3. List the four major physical regions of Europe.
- Q4. Explain why the Mediterranean Sea is crucial for trade and tourism.

## 3. Research & Table Task:

**River Study:** Choose three major rivers (e.g., Volga, Danube, Rhine) and complete a table in your notebook:

Name of the River	Countries it flows through	Important cities on its banks
Example: Danube	Example :Germany, Austria, etc	Example Vienna, Budapest etc

**Example:.**

## 4.Fun Activity: Euro Traveller

Create a travel brochure for a fictional 7-day trip to any one European country. Include three top tourist attractions (physical or historical), the capital city, and one major river flowing through it.



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Physics	<p>Do the following hw in a separate thin notebook</p> <ol style="list-style-type: none"><li>1. Notes box on page number 10 showing unit conversion</li><li>2. Notes box on page number 15 showing relationships of various units</li><li>3. Notes box on page number 19 and 20 showing, how come units become negative</li><li>4. Solve all the numericals o page number 22. (Based on practical application of the aforesaid notes)</li></ol>
Chemistry	<p><b>Instructions:</b> Questions should be done in the Chemistry notebook. Activities should be done on A4 size sheet paper.</p> <p><b>Theme 3: Elements, Compounds and Mixtures</b></p> <p>Q1. Read the chapter “Elements, Compounds and Mixtures” carefully and learn and write the following:</p> <ol style="list-style-type: none"><li>1. Definitions of:<ol style="list-style-type: none"><li>a) Elements</li><li>b) Compounds</li><li>c) Fractional distillation</li><li>d) Pure substance</li></ol></li><li>2. Formulae of:<ol style="list-style-type: none"><li>a) Common compounds</li><li>b) Common gaseous compounds</li><li>c) Common metal oxides</li><li>d) Common metallic sulphides</li></ol></li></ol> <p>Q2. Write six differences between mixtures and compounds.</p> <p>Q3. Separating Funnel Explain the use of a separating funnel with the help of an experiment. Also draw a neat and well-labelled diagram of a separating funnel.</p> <p><b>Theme 5: Language of Chemistry</b></p> <p>Q1. Write the chemical equations for the following reactions:</p> <ol style="list-style-type: none"><li>a) When solid sodium carbonate reacts with dilute hydrochloric acid</li><li>b) When red lead oxide is heated strongly</li><li>c) When a solution of ferrous sulphate is mixed with sodium hydroxide solution</li><li>d) When sodium sulphide reacts with hydrochloric acid</li></ol> <p>Activities</p> <p>Activity 1: Kitchen Chemistry Hunt Find 10 items from your kitchen and classify them as: Elements Compounds Mixtures Present them in a colourful table.</p> <p>Activity 2: Fun Separation Take a spoonful of salt and dissolve it in water to make a salt solution. Answer the following questions:</p> <ol style="list-style-type: none"><li>a) Identify the type of mixture formed.</li></ol>



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	<p>b) Name the process through which salt can be separated. Paste or draw a picture of this activity.</p>
Biology	<p><b>SOLVE AND LEARN THE QUESTIONS IN BIOLOGY CLASSWORK NOTEBOOK</b> <b>THEME 2 – 'KINGDOM CLASSIFICATION'</b></p> <ul style="list-style-type: none"><li>• Create a colourful Five Kingdom Classification Wheel with the help of coloured paper and coloured A4 sheets.</li><li>• Label the five kingdoms clearly:<ul style="list-style-type: none"><li>a) Monera</li><li>b) Protista</li><li>c) Fungi</li><li>d) Plantae</li><li>e) Animalia</li></ul></li><li>• Paste or draw suitable pictures of organisms belonging to each kingdom, as shown in the figure.</li><li>• Create foldable flaps/pyramids for each kingdom.</li><li>• Under every flap, write four characteristics of the respective kingdom neatly. The activity should be colourful, neat, well-labelled, and creatively decorated.</li></ul>  <p><b>ACTIVITY 2</b> Door Fold Activity Topic: Prokaryotic and Eukaryotic Organisms. Differentiate between Prokaryotic and Eukaryotic Organisms Instructions:</p> <ul style="list-style-type: none"><li>• Take a coloured A4 sheet and fold it from both sides to create an opening door activity.</li><li>• Write the title “Prokaryotic and Eukaryotic Organisms” in the centre.</li><li>• Stick or draw and colour pictures of organisms such as bacterial cell for prokaryotic organisms and Amoeba, Euglena, and Paramecium for eukaryotic</li></ul>

organisms.

- Inside the activity, make a neat table to differentiate between prokaryotic and eukaryotic organisms and decorate it creatively.



### THEME 3 – PLANT LIFE

Q5. Answer the following:

- a) How will you test and show that oxygen is released during photosynthesis?  
(Page no. 60)

Also draw the diagram in your classwork notebook.

- b) How will you show that carbon dioxide is produced during respiration?  
(Page no. 69). Draw Figure 4.2.

Computer Studies

### SOLVE THE QUESTIONS IN AI NOTEBOOK SECTION A: MULTIPLE CHOICE QUESTION

Q.1 Arduino Uno is mainly used for:

- Cooking
- Playing games
- Controlling electronic devices
- Drawing

Q.2. How many digital pins are there in Arduino Uno?

- 6
- 10
- 14
- 20

Q.3. Analog pins in Arduino are used to:



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- a) Produce sound
- b) Read sensor values
- c) Store data
- d) Charge battery

**Q.4.** Jumper wires are used to:

- a) Store electricity
- b) Connect components
- c) Produce light
- d) Measure voltage

**Q.5.** Which of the following is a type of jumper wire?

- a) Male–Male
- b) Female–Female
- c) Male–Female
- d) All of these

**Q.6.** Jumper wires are commonly used with:

- a) Breadboard
- b) Fan
- c) Motor only
- d) Bulb only

**Q.7.** Jumper wires help in:

- a) Permanent connections
- b) Temporary connections
- c) Breaking circuits
- d) Heating circuits

**Q.8.** Which of the following is NOT a type of jumper wire?

- a) Male-to-Male
- b) Male-to-Female
- c) Female-to-Female
- d) Copper-to-Plastic

**Q.9.** A gas sensor is used to:

- a) Measure speed
- b) Detect harmful gases
- c) Produce gas
- d) Store gas

**Q.10.** Ultrasonic sensors work using:

- a) Light waves
- b) Sound waves
- c) Heat waves
- d) Electric current

**Q.11.** Which component sends and receives signals in an ultrasonic sensor?

- a) Speaker
- b) Transmitter and receiver
- c) Battery
- d) Switch



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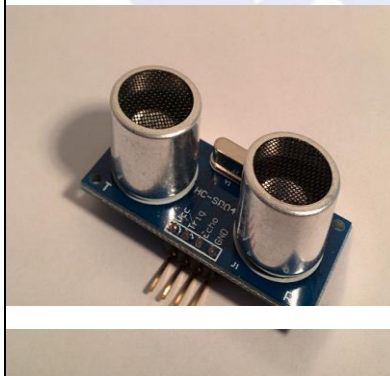
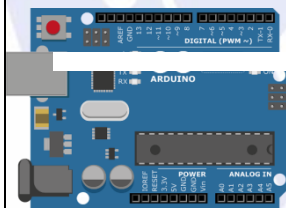
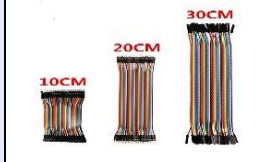
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## SECTION B: FILL IN THE BLANKS:

1. In order to mimic human intelligence and capabilities , AI has to be trained by developers with the help of data and.....
2. Human intelligence is acquired by.....by the process of .....
3. ....was the scientist who has given the term AI in the year.....
4. The first AI conference was.....
5. Power pins are total .....in number, analog pins are.....in number and digital pins are .....in numbers.
6. Microcontroller is called.....
7. Tx and Rx led will flash when data is .....and.....
8. PWM pins stand for.....

## SECTION C: NAME THE DIAGRAMS



## SUBJECT: COMPUTER STUDIES

SOLVE THE QUESTIONS IN COMPUTER STUDIES NOTEBOOK

Q1 Convert the following from Binary to Decimal.

- a. 1011
- b. 100
- c. 10011



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	<p>d.1101 e.10101 Q2.Convert the following from Decimal to Binary. a.26 b.39 c. 112 d.211 e.78</p>
Art	TOPIC:- Create two beautiful cards using only Ivory sheet. (A3 Size)
Library	<p><b>INSTRUCTION</b></p> <ol style="list-style-type: none"><li>1. Write neatly and clearly.</li><li>2. Add pictures or drawings if possible.</li><li>3. Use heading and proper formatting.</li><li>4. Submit your work on an A4 size sheet paper.</li></ol> <p>Read a biography/autobiography of a few famous personalities who have created history by their work. After reading write a short description/review of the person/book.</p> <p>Including the following points in your writing-</p> <ol style="list-style-type: none"><li>1. Early life.</li><li>2. Education.</li><li>3. Achievements</li><li>4. Awards And Honors.</li><li>5. What you learned from this person.</li></ol>