




# St. Mary's Convent Inter College

Manak Nagar, Lucknow

## SUMMER VACATION HOMEWORK (SESSION 2026-2027)

### CLASS- VII

S. No.	Subject	Homework
1	Maths	<p><b>(Holiday Homework should be done in homework/practice copy)</b></p> <ol style="list-style-type: none"><li>1. Revise the construction of the following angles: <math>30^\circ</math>, <math>45^\circ</math>, <math>60^\circ</math>, <math>75^\circ</math>, <math>90^\circ</math>, <math>120^\circ</math>, <math>150^\circ</math> (in copy).</li><li>2. CH. 16 Fundamental Geometrical concepts Ex 16A, 16B all questions in the book.</li><li>3. CH. 13 Algebraic Expression Ex 13A all questions in the book. Ex 13B marked questions in copy. Ex 13C in the book.</li><li>4. CH.9 Percentage Ex 9A all in copy.</li><li>5. CH.8 Unitary Method Ex 8A Q1,2,3,4,5,6,7,8,9,10,11 in copy (with statements).<ul style="list-style-type: none"><li>• Prepare for Unit test.</li></ul></li></ol>
2	Physics	<p><b>(Do this in interleaved punch papers)</b></p> <ol style="list-style-type: none"><li>1. Do some Research for different types of motions according to chapter 2.</li><li>2. Do some Observation in your daily life and classify some of your daily activities under different types of motions.<ul style="list-style-type: none"><li>• Learn unit test course.</li></ul></li></ol>
3	Biology	<ol style="list-style-type: none"><li>1. Learn chapter Photosynthesis for assessment.</li><li>2. Draw the following diagrams in your biology notebook: Stomata, Chloroplast and Nerve cell.</li><li>3. Write the summary of the tissues of a flowering plant (from pg no.:16) on punch sheets.</li></ol>

4	Chemistry	<p>1. Write the name and valency of Positive and Negative radicals (in separate pages) in your class work copy from page number 75 and 76 of your textbook and learn them.</p> <ul style="list-style-type: none"> <li>• Learn Chapter 1 and 2 for the assessment</li> </ul>
5	Geography	<p>1. Download and take printouts of the Physical Maps of Africa and Australia available on the school E-care app and revise them thoroughly.</p> <p>2. Complete the question–answers of the chapter Atmosphere given on the E-care app.</p> <p>3. Practice Conventional Signs and Symbols regularly.</p> <p>4. Prepare for the Unit Test.</p>
6	English literature	<p><b>Topic: Creative Writing</b></p> <p>Imagine that you wake up one morning and discover that you have become invisible for a day.</p> <p>Write a story in about 120–150 words describing:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> What you did after becoming invisible?</li> <li><input type="checkbox"/> How people around you reacted?</li> <li><input type="checkbox"/> An interesting or funny incident you experienced.</li> <li><input type="checkbox"/> What lesson you learnt by the end of the day?</li> <li><input type="checkbox"/> Give your story a suitable title.</li> </ul> <p>Complete the work neatly on punch sheets using colours to make your work attractive.</p>
7	English language	<div style="border: 1px solid black; padding: 10px;"> <p style="text-align: center;"><b>TOPIC: PICTURE COMPOSITION</b></p> <p><b>Q.</b> Look at the picture given below and write a composition in about 100–120 words. You may take help from the points given.</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <ul style="list-style-type: none"> <li>• The scene</li> <li>• What are the people doing?</li> <li>• The mood of the picture</li> <li>• Your opinion</li> </ul> </div>  </div> <p>Paste the picture neatly on a punch sheet. Write the composition in neat handwriting. Decorate the sheet creatively using colours or borders.</p>

8	History	<p>Prepare a mini collage on the following monuments of the Delhi Sultanate.</p> <p>You may choose from:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Qutub Minar</li> <li><input type="checkbox"/> Alai Darwaza</li> <li><input type="checkbox"/> Tughlaqabad Fort</li> <li><input type="checkbox"/> Tomb of Iltutmish</li> </ul> <p>For each monument, include:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Name of the monument</li> <li><input type="checkbox"/> Name of the dynasty/ruler who built it</li> <li><input type="checkbox"/> Three architectural features</li> </ul> <p>Complete the work neatly on punch sheets. Use colours, headings, borders, drawings and pictures to make your work attractive. Write in neat handwriting.</p>
9	Computer	<p>Learn chapters</p> <p><b>Book IT Bot</b></p> <p>Chapter 1 – Computer Hardware Components Chapter 2 – Number System</p> <p><b>Book AI Robo</b></p> <p>Chapter 1 Natural language Processing Chapter 2 Statistical data</p> <p>Full Forms and Shortcut Keys</p> <p>Practice MS Excel and Number system conversions from book(binary to decimal and decimal to binary)</p>
10	Sanskrit	<p>1. unit test - में आने वाले समस्त पाठ्य क्रम को याद करें।</p> <p>2. NOTE – निम्नलिखित कार्यों को संस्कृत की कॉपी में लिखें-</p> <p>(i) मति, साधु और पिता शब्द रूप लिखिए।</p> <p>(ii) धाव्, दृश, हस, गम धातु रूपों को present tense and future tense में लिखिए.</p> <p>3. Translate into Sanskrit –</p> <p>(i) राम पुस्तक पढ़ता है।</p> <p>(ii) दीपक घर जाएगा।</p> <p>(iii) तुम सच बोलते हो।</p> <p>(iv) यहां लड़के खेलते हैं।</p> <p>(v) लड़कियां गीत गाएंगी।</p>
11	Hindi	<p>1.यूनिट टेस्ट में आने वाले समस्त पाठ्यक्रम को याद करें।</p> <p>2-निम्नलिखित कार्यों को हिंदी की (कक्षा कार्य) कॉपी में लिखिए व याद करिए-</p> <p>*विलोम शब्द -13 से 27-(उत्थान से निर्मल तक)</p> <p>*पर्यायवाची शब्द -16 से 29 -(किरन से दिन तक)</p> <p>*वाक्यांशों के लिए एक शब्द 1 से 15- (अल्पज्ञ से उपयुक्त तक)</p> <p>*अनेकार्थी शब्द-11 से 20 तक-(कल से पद तक)</p> <p>*मुहावरे-( 16-30)</p> <p>*प्रस्ताव लेखन (निबंध) दोनों विषयों पर लिखिए।</p> <p>1-विज्ञान : वरदान या अभिशाप</p> <p>2-मोबाइल फोन: सुविधा या असुविधा</p> <p>*पत्र-निजी पत्र-मित्र को कक्षा में प्रथम आने के लिए बधाई पत्र (पृष्ठ संख्या 212)</p>