

# ST. MARY'S ENGLISH MEDIUM SCHOOL

## CLASS – 9 B

### HOMEWORK 2024-25

SUBJECT	HOME WORK
1. ENGLISH LITERATURE	Read poem 1, lesson 1, Julius Caesar Act I Scene i. Try to develop critical outlook while reading.
2. ENGLISH LANGUAGE	Learn the format of Notice, E- mail and Formal letter and write one example of each in your English language note copy.
3. HINDI	गृहकार्य- पाठ 1- कार्य पूर्ण करें व याद करे।
4. MATHEMATICS	<ol style="list-style-type: none"><li>Use method of contradiction to show that <math>\sqrt{2}</math>, <math>\sqrt{3}</math> and <math>\sqrt{5}</math> are irrational.</li><li>Prove that each of the following numbers is irrational:<ol style="list-style-type: none"><li><math>\sqrt{3} + \sqrt{2}</math></li><li><math>3 - \sqrt{2}</math></li><li><math>\sqrt{5} - 2</math></li></ol></li><li>Insert five irrational numbers between <math>2\sqrt{5}</math> and <math>3\sqrt{3}</math>.</li><li>Write the lowest rationalizing factor of:<ol style="list-style-type: none"><li><math>5\sqrt{2}</math></li><li><math>\sqrt{24}</math></li><li><math>\sqrt{5} - 3</math></li></ol></li><li>If <math>x = 5 - 2\sqrt{6}</math>, find: <math>x^2 + (1/x^2)</math></li><li>If <math>x = (2 + \sqrt{5})/(2 - \sqrt{5})</math> and <math>y = (2 - \sqrt{5})/(2 + \sqrt{5})</math> then find the value of <math>x^2 - y^2</math>.</li><li>Calculate the amount and the compound interest on:<ol style="list-style-type: none"><li>Rs. 6000 in 3 years at 5% per year.</li><li>Rs. 8000 in <math>2\frac{1}{2}</math> years at 15% per annum.</li></ol></li><li>A man borrows Rs.10,000 at 5% per annum compound interest. He repays 35% of the sum borrowed at the end of the first year and 42% of the sum borrowed at the end of the second year. How much must he pay at the end of the third year in order to clear the debt?</li></ol>
5. HISTORY/CIVICS	Harappan civilization Question Answers Or Short Notes Write in History copy and learn them.
6. GEOGRAPHY	<p>Q.1 You have gone from Delhi to Arunachal Pradesh on a study tour with your school during the winter vacation. As you woke up in the morning at 6 o'clock, you noticed the sun has risen whereas at Delhi sun rise is around 7.30 a.m. Similarly around 4.30 it was sunset while sunset is around 6 p.m. in Delhi. What do you think could be the reason for the sun rising and setting earlier than Delhi? Which feature of the earth can you relate to from this?</p> <p>Q.2 With the help of a diagram, show the important lines of latitude with proper explanation.</p>
7. ECONOMICS	Write and Learn chapter 1 (introduction of Economics) exercise in your Economics notebook.

8. COMMERCIAL STUDIES	I. Answer the following questions:- 1. What do you mean by profit-seeking organisation? Give 2 examples. 2. What do you mean by non-profit organisation? Give 2 examples. 3. What is charitable organisation? 4. Explain different types of non-profit organisation? 5. Distinguish between profit and non-profit organisation.
9. COMPUTER APPLICATION	Write short notes on the following on your class work copy. 1. Computer Ethics 2. Software Ethics 3. Software Piracy 4. Hacking 5. Phishing
10. PHYSICAL EDUCATION	Q1 Classification of different types of joints.

## ASSIGNMENT 2024-25

SUBJECT	ASSIGNMENT
1. ENGLISH LITERATURE	<ol style="list-style-type: none"> <li>1. Write all figures of speech with atleast three examples each.</li> <li>2. Discuss the condition of women as described in the poem A Work Of Artifice. Give your personal view also.(Word limit 150 words atleast)</li> <li>2. Who are Tribunes? Why they rebuked common people?(150 words)</li> <li>3. According to Tribunes people of Rome are fickle minded, Explain How? (150 words)</li> <li>4. What is the remedy suggested to people by Tribunes to overcome their sin? (150 words)</li> <li>5. Short summary of lesson Bonku Babu's Friend by Satyajit Ray.(150 to 200 words)</li> </ol>
2. ENGLISH LANGUAGE	<p>Select any one of the Topic . Word limit 350 to 400.</p> <p>Order of assignment</p> <ol style="list-style-type: none"> <li>1. Cover page</li> <li>2. Certificate</li> <li>3. Acknowledgement</li> <li>4. Main content of the assignment.</li> <li>5. Bibliography.</li> </ol> <p>Topics</p> <ol style="list-style-type: none"> <li>1. Narrate an experience</li> <li>2. Provide a description</li> <li>3. Direction how to make or operate something.</li> <li>4. Expressing an opinion for or against</li> <li>5. Make a report on current event.</li> </ol>
3. HINDI	<ol style="list-style-type: none"> <li>1) मुंशी प्रेमचंद जी के जीवन का परिचय देते हुए उनकी एक प्रेरणादायक कहानी को (250 शब्दों) में सचित्र प्रस्तुत करें</li> <li>2) सामाजिक नागरिक होने के नाते समाज में फैल रही सबसे बड़ी समस्या "आधुनिक तकनीक का युवाओं पर असर" पर 250 शब्दों का एक सचित्र वर्णन प्रस्तुत करें</li> </ol>
4. MATHEMATICS	<ol style="list-style-type: none"> <li>1. Describe the application of congruency of triangle in daily Life. (Minimum - 12 pages)</li> </ol>
5. HISTORY/CIVICS	<p>Topic - Our Constitution</p> <p>In a Stick file</p> <p>15 pages total.</p> <p>With pictures.</p> <p>Cover Page. With the coloured Mono of the School.</p> <p>Don't write With Red and Green pen.</p>
6. GEOGRAPHY	<p>Q.1 Draw a well labelled diagram to show the cyclic circulation of water between the three realms of the earth with proper explanation.</p> <p>Q.2 Draw a well labelled diagram showing the different heat zones of the world with proper explanation.</p>
7. ECONOMICS	<p>A case study on the effects of industrial pollution.</p>

8. COMMERCIAL STUDIES	<p>Prepare a project in a stick file which involve study of the business enterprise in the local city and its classification into industrial and commercial categories.</p> <p><b>ORGANISATION OF THE PROJECT</b></p> <p><b>A.</b> The subject teacher will ask students to visit different sites in the local city. The student will observe the business firms at each site. They will note down the name of each firm and nature of its activities. They will talk to the owner/ manager of the firm, if necessary.</p> <p><b>B.</b> The students will then return back. They will classify each firm into industry or commerce depending upon the nature of its activity. Firm classified under these 2 broad categories will be sub-classified into various types of industry, Trade and aids to trade.</p> <p><b>C.</b> The students will show their classification to the subject teacher. They will make the necessary changes as suggested by the teacher.</p>
9. PHYSICAL EDUCATION	<p>Prepare assignment in any one of the following topics in stick file.</p> <p>1) Football Or 2) Cricket</p>