

# KERALA PUBLIC SCHOOLS



STD. : IX

## HOME ASSIGNMENT

DATE : 1st April 2020 – 16th April 2020

Note: 10 Marks for each subject

SUB	TOPIC	PROJECT
<b>ENG LANG</b>	Total Eng Book IX Ch 1 to Ch 6  <u>Instruction :</u> Practice the exercises in your rough note book.	Oral presentation for about two minutes, which will be followed by a discussion on the topic by the examiner . about three minutes. Topics ;-( Prepare any three ) <ul style="list-style-type: none"> <li>• TV should be used more for education than for entertainment .</li> <li>• Some of our ailments are the result of mental worries.</li> <li>• My favourite era in history.</li> <li>• In today's society honesty is not always the best policy.</li> <li>• If I was born a hundred years ago , I would be.....</li> </ul>
<b>ENG LIT</b>	<ul style="list-style-type: none"> <li>• Poetry Ch 5--Television</li> <li>• Story ch4 --Hearts and Hands</li> </ul> <u>Instructions :</u> Read the Prose and learn the Poem .	The merchant of Venice  <u>Instruction :</u> Write in an A4 size sheet about the life of Shakespeare.
<b>HINDI LANG</b>	विलोम शब्द - pg – 189 (उपकार से चिंतित) पर्यायवाची शब्द - pg - 221 (जन्म से दशा) मुहावरे - pg- 228, (1-15) भाववाचक संज्ञा -pg- 180- (अज्ञ से ठाकुर तक), संज्ञा से विशेषण pg - 185, (अंक से नगर तक)	मुहावरों से वाक्य (सचित्र)  <u>निर्देश</u>  (कम से कम 10 मुहावरे)
<b>HINDI LIT</b>	पाठ 1- बात अठनी की , साखी प्रस्तुत साखी एवं बात अठनी की पाठ से लघु प्रश्नोत्तरों का किया जाना।  <u>निर्देश</u>  Rough copy पाठन प्रक्रिया ध्यानपूर्वक जारी रखना।	
<b>MATHS</b>	Ch – 1 : Rational and Irrational Numbers Ch - 2 : Compound Interest  <u>Instruction :</u> Practice Ch - 1 : Ex:1.1; Ex:1.2 Ch - 2 : Ex:2.1; Ex:2.2; Ex:2.3	Represent $\sqrt{2}$ , $\sqrt{3}$ , $\sqrt{5}$ on number line Explain different types of triangles with proper diagram (Scalene $\Delta$ , Isosceles $\Delta$ , Equilateral $\Delta$ , Acute $\Delta$ , Obtuse $\Delta$ and Right angled $\Delta$ )  <u>Instruction :</u> <ul style="list-style-type: none"> <li>• Use white sheet</li> <li>• Use separate line for each number.</li> <li>• Use only Pencil and Scale for diagrams.</li> </ul>

SUB	TOPIC	PROJECT
<b>PHY</b>	Ch-1 : Measurements and Experimentation Ch-2 : Motion in one dimension  <u>Instruction :</u> Read the chapters and underline the key words and learn the basic formula. Fundamental and derived units, guidelines for writing units, conversion, principle of screw gauge and vernier callipers, scalar and vector quantities, definitions to be learnt	Measurement  <u>Instruction :</u> Write S.I. units, c.g.s units of 5 physical quantities. How they are related? Define them. Take the formula write it's S.I. unit and c.g.s unit define them and relate them. For example: Force = mass $\times$ acceleration $N = Kg \times m/s^2$ Define 1N Force = mass $\times$ acceleration dyne = g $\times$ cm/s <sup>2</sup> Define 1dyne Relationship between newton and dyne $1N = 1Kg \times 1m/s^2$ $1N = 1000 g \times 100 cm/s^2$ $1N = 10^{3+2} g cm/s^2$ $1N = 10^{3+2} dyne$
<b>CHEM</b>	Ch - 1 : Language of Chemistry (Basic Chapter)	Language of Chemistry  <u>Instruction :</u> Make the assignment in A4 size white or ruled sheet <ul style="list-style-type: none"> <li>• Tabulate all the Cations and Anions with their Valencies.</li> <li>• With the help of the above table make 50 chemical formulae</li> <li>• Select any 25 out of the above compounds containing <u>carbon</u>, <u>hydrogen</u> and <u>oxygen</u> and calculate their percentage composition.</li> <li>• Write the empirical formula of all the above 50 compounds</li> </ul>
<b>BIO</b>	Ch – 2 : The Cell  <u>Instruction :</u> Read the Chapter Cell and underline the cell organelles and its functions	The Cell  <u>Instruction :</u> <ul style="list-style-type: none"> <li>• Draw Plant cell and Animal Cell on a white sheet.</li> <li>• Write the cell organelle and mention its function in the form of a table on ruled sheets.</li> </ul>
<b>HIST / CIV</b>	Ch - 1 (C) : Our Constitution and its salient features Ch - 1 (H) : The Harappan Civilization Read the chapters thoroughly and mark all the key words and learn the spellings	Ch - 1 ( H)  <u>Instruction :</u> Draw or stick pictures of dwelling houses, town planning, granary, great bath, seals, drainage system , pottery, ornaments, scripts, sculpture made of metal and terracotta. Draw or paste pictures neatly in a white sheet

SUB	TOPIC	PROJECT
<b>GEOG</b>	Ch - 5 : Natural and Man made Disaster  <u>Instruction :</u> Read the chapter	<u>Any One Man made and one Natural Disaster-</u> On the interleaf sheet write the causes, effects, impact of the disasters on life and environment and safety measures to be taken in case of such disaster. (each should have 2 points) (refer std VIII book)  <u>Instruction :</u> Do it neatly in the interleaf sheet. Can paste some pictures.
<b>COMP APPL</b>	Ch - 1 : Introduction to Object Oriented Programming Concepts Ch - 2 : Introduction to Java  <u>Instruction :</u> <ul style="list-style-type: none"> <li>• Read the chapters/topics</li> <li>• Complete the exercise of Section A of ch1. &amp; Ch 2 in Book Only.</li> <li>• Learn the question and answer of Section B</li> </ul> <p>Note: - Try to solve the simple programs of java taught in class viii based on if, if-else, if-else-if, switch statement.</p>	Candidates will be required to submit a Project of 20 Short questions from chapter 1 Assignment (page no. 16) and chapter 2 Assignment (page no. 33)

*Rakshmi*

**DIRECTOR ACADEMICS**