

SHARDA VIDYALAYA, RISALI, BHILAI**CLASS – X****VACATION HOMEWORK**

S. No.	Subject	Topic
1.	ENGLISH	1. Make a PowerPoint presentation regarding comparison of weather conditions of Kerala & Chhattisgarh. Also do the analysis of weather conditions responsible for good crops. 2. Students also complete the notes of poem Fire & Ice, L-1 The triumph of surgery.
2.	HINDI	1-छत्तीसगढ़ एवं केरल के मुख्य कवियों /लेखकों की कृतियों पर प्रकाश डालते हुए दोनों राज्यों के किन्हीं दो कवियों/ लेखकों की लेखन शैली, भाषा मुख्य विशेषताएँ एवं रचनाओं का उल्लेख करते हुए एक पी .पी .टी तैयार करें । 2- कृतिका- पाठ 1 'माता का अंचल' पाठ संबंधित सभी प्रश्नोत्तर कॉपी में लिखिए ।
3.	MATHS	1) Write all the important formulas and definition of all the chapters of your maths book in your maths copy. 2) Art Integrated project- Compare the road facility provided by Kerala and C.G government. Also prepare a graph of it.
4.	SOCIAL SCIENCE	1. Compare infant mortality rate, net attendance ratio and literacy rate of Chhattisgarh and Gujarat (in File) 2. Write any five development goals related to your life or surrounding. 3. Give an example to show that how development of one country is not the development for other country. 4. Write a detailed report on Rio de Janeiro summit (1992) 5. Find out the nationalist symbols of any five countries, at least any three symbols.
5.	SCIENCE	Physics- Q.1 What type of image is formed on a cinema screen? Q.2 Draw ray diagram for the image formation by a concave mirror and convex mirror for all the position of the object. Q.3 a) Write different application of concave mirror and convex mirror. b) A child is standing in front of a magic mirror. She finds the image of her head bigger, the middle portion of her body of the same size and that of the legs smaller. Give the following in the order of combinations for the magic mirror from the top. Q.4 a) List four characteristics of the images formed by plane mirrors? b) A candle is kept in front of plane mirror at distance of 15 cm. What is distance between candle & its image? Q.5 Magnification of a mirror is +2/3. What type of mirror is it? Chemistry- (AIL) Graphical analysis of bathing Soap industries in Kerala and Chhattisgarh. Under the heads:- Names, Composition, TFM, Preservatives, Additives, Oil and fats in power point presentation. Biology- 1. What is glycolysis? 2. Name the cartilaginous flap which closes the glottis to check the entry of food into it during swallowing. 3. What do you mean by double circulation of blood? 4. How is opening and closing of stomata regulated? 5. Meat is easier to digest as compared to grass. Why?

6.	AI	<p>1. Write the character sketch of a famous entrepreneur, who according to you brought a remarkable change in society. Also paste the pictures related to them.</p> <p>2. Explain different types of intelligence. Write an example and paste the pictures accordingly.</p> <p>3. Write the contribution of Chhattisgarh and Kerala state in the GDP growth of our country. Also write about their involvement in the field of AI (companies and careers). (Do it in the practical copy. Written part to be done on lining side and images or drawings on blank page)</p>
7.	IT	<p>1. Write the character sketch of a famous entrepreneur, who according to you brought a remarkable change in society. Also paste the pictures related to them.</p> <p>2. Create 5 different drawing objects from the drawing objects gallery.</p> <div data-bbox="609 562 1193 1018" data-label="Image"> <p>The image shows a collection of five drawing objects: a light blue ellipse labeled 'Ellipse', a yellow rectangle labeled 'Rectangle', a yellow hexagon labeled 'Basic Shape', a purple Y-shaped symbol, and a grey cloud-like shape labeled 'Symbol Shapes'.</p> </div> <p>Apply the following properties to the shapes and write the steps:</p> <ol style="list-style-type: none"> 1. Change the border colour of all shapes. (Black color) 2. Change the fill colour of Basic Shape and Symbol shapes. 3. Change the border styles of Ellipse to Fine Dashed. 4. Apply gradient fill to Arrows symbol. <p>3. Design a poster on “Stress Management Techniques” by using images and drawing tools. (Take the print out and paste in the practical copy) (Do it in the practical copy. Written part to be done on lining side and images or drawings on blank page)</p>
8.	MARKETING	Pick up a product of your choice and prepare marketing mix including all four tools.

“May this vacation bring you lots of good memories. Happy summer vacation.”