

Subject	Homework Assigned	Class
ENGLISH	To Read 1 lesson 1 Three Questions 2.Lesson 2 Granny's tree Climbing .To Learn -All the questions Answers of both the lessons. To Write -10 sentences from each tense.2.To write a notice from king side to invite the people to answer your Three Questions.	VIII A1
MATHEMATICS	1 Express $0.(001)^{-}$ as a rational number. 2 Express $\sqrt{2}$ on the number line. 3. Simplify : $\sqrt{45} + 3\sqrt{20} + 4\sqrt{5}$ 4.Find two rational numbers between $(1)/5$ and $3/6$ 5. If $x = 2 + \sqrt{3}$, find the value of $x^2 + 1/x^2$ 6. If $\sqrt{2} = 1.414$, find the value of $1/(\sqrt{2}+1)$ 7. Express $3/(7+2\sqrt{5})$ with rational denominator 8. Simplify : $(3\sqrt{5} - 5\sqrt{2})(4\sqrt{5} + 3\sqrt{2})$ 9. $\sqrt{45} - 3\sqrt{20} + 4\sqrt{5}$ 10. Rationalise the denominator $(2+ \sqrt{3})/(2- \sqrt{3})$ 11. Find the value of b if $(\sqrt{2}+ \sqrt{3})/(3\sqrt{2}- 2\sqrt{3}) = 2 - b\sqrt{6}$ 12. If $x = (\sqrt{3}+1)/(\sqrt{3}-1)$ and $y = (\sqrt{3}- 1)/(\sqrt{3}+ 1)$, find the value of $x^2+ y^2+ xy$ 13 If $\sqrt{5} = 2.236$ and $\sqrt{6} = 2.449$, find the value of $(1+ \sqrt{2})/(\sqrt{5}+ \sqrt{3}) + (1- \sqrt{2})/(\sqrt{5}- \sqrt{3})$ 14. If $x = 1/(2- \sqrt{3})$, find the value of $x^3 - 2x^2 - 7x + 5$. 15 If $x = (\sqrt{a+2b} + \sqrt{a-2b})/(\sqrt{a+2b}- \sqrt{a-2b})$, show that $bx^2 - ax + b = 0$ 16. Find a rational number between $\sqrt{2}$ and $\sqrt{3}$. 17. Rationalise the denominator of $1/(\sqrt{7}-2)$ 18. If $a^x = b^y = c^z$ and $b^2 = ac$ prove that $1/x+ 1/z= 2/y$ 20. Prepare a spiral square root chart. 19. Find the values of a and b if $(\sqrt{3}+ \sqrt{2})/(2\sqrt{2}- 2\sqrt{3}) = 2 - b\sqrt{6}$ Remark: this summer vacation home work will be consider as a part of multiple assessment.	VIII A1
MATHEMATICS	1. Which of the following is not a perfect square? (a) 361 (b) 1156 (c) 1128 (d) 1681 2. The value of $\sqrt{(176+ \sqrt{2401})}$ is (a) 14 (b) 15 (c) 16 (d) 17 3. Given that $\sqrt{5625} = 75$, the value of $\sqrt{(0.5625)} + \sqrt{56.25}$ is: (a) 82.5 (b) 0.75 (c) 8.25 (d) 75.05 If one member of a pythagorean triplet is 2m, then the other two members are (a) m, m^2+1 (b) m^2+1 , m^2-1 (c) m^2 , m^2-1 (d) m^2 , $m+1$ 4. Check whether 90 is a perfect square or not by using prime factorisation. 5. The area of a rectangular field whose length is twice its breadth is 2450 m^2 . Find the perimeter of the field. 6. During a mass drill exercise, 6250 students of different schools are arranged in rows such that the number of students in each row is equal to the number of rows. In doing so, the instructor finds out that 9 children are left out. Find the number of children in each row of the square. 7. Find the least number that must be added to 1500 so as to get a perfect square. Also find the square root of the perfect square. 8. Find the value of $\sqrt{(248+ \sqrt{(52+ \sqrt{144})})}$ 9. Find the square root of your class roll number up to correct three	VIII A1

SCIENCE	<p>Write and learn</p> <p>Lesson 1- cell and it's structure</p> <p>Lesson 2- microorganisms</p> <p>Q1- write the one word 10 question and answers</p> <p>Q2- Explain with example</p> <p>A Antibiotics</p> <p>B microorganisms our friends</p> <p>C locomotory organs of protozoa</p> <p>D plastids</p> <p>E mitochondria</p> <p>F nucleus</p> <p>Q3- draw the well labelled diagram of animal and plant cell</p> <p>Q4- write the difference between animal and plant cell</p>	VIII A1
SOCIAL SCIENCE	<p>Draw chart of 17 sustainable development goals.</p> <p>Draw a chart of classification of resources with examples.</p> <p>Write 10 slogans during the freedom struggle of India.</p> <p>Prepare a model of Indian constitution.</p> <p>Prepare 10 MCQs questions from chapter 1,8, 16.</p> <p>Paste pictures of historical monuments parliament museum and national museum and write about each.</p> <p>Do value based questions of chapter number 1,8,16, in homework copy</p> <p>Paste pictures of religious symbol write about India is a socialist secular etc.</p> <p>Learn and write states and their capitals in your SST copies.</p> <p>Do map skills of each chapter 1,8,16.</p>	VIII A1
SANSKRIT	<p>(संस्कृत व्याकरण)1-संस्कृत भाषा में कितने पुरुष ,कितने वचन ,एवं कितने लिंग होते हैं?</p> <p>2-संस्कृत भाषा में लट् आदि पांचो लकारों के नाम लिखिए,एवं उनका हिंदी में अर्थ लिखिए</p> <p>-यथा लटलकार(वर्तमान काल)आदि ।3-संस्कृत भाषा में कितने प्रकार की धातुएं होती हैं?</p> <p>4-निम्नांकित धातुओं के रूप लट् लकार ,लृटलकार,,लंगलकार,लोट् लकार एवं विधिलिंग लकारों में लिखिए- भू,पठ्,लिख्,हस्,कृ,गम्,आगम्,नम्,वद्,स्था,चल्,एवं क्रीडा, 5-निम्नांकित सर्वनाम शब्दों के रूप सभी विभक्तियों एवं वचनों में लिखिए-</p> <p>अस्मद्, युष्मद्, किम् (3) तथा तत्(3)</p> <p>6-अपनी संस्कृत पाठ्य पुस्तक सुरभि :के प्रथम पाठ 'सुवचनानि'के सभी श्लोकों को सुंदर लिखावट के साथ लिखे एवं याद करें ।</p>	VIII A1
MORAL EDUCATION	<p>1-आर्य समाज के सुप्रसिद्ध 10 नियमों को लिखकर याद करें।</p> <p>2-सुप्रसिद्ध गायत्री मंत्र को उसके अर्थ सहित लिखकर याद करें।</p> <p>3-अपनी पुरानी स्कूल की डायरी से कोई दो उत्तम ईश्वर भजन लिखिए और उसे याद कीजिए।</p> <p>4-स्कूल की पुरानी डायरी के पेज नंबर 30 से निम्नलिखित बिंदुओं पर वैदिक मंत्र लिखिए,प्रातः काल उठने का मंत्र ,विद्यालय से जाते समय का मंत्र ,भोजन के समय का प्रार्थना मंत्र ,रात्रि के सोने का मंत्र ,शांति पाठ मंत्र।</p>	VIII A1
HINDI	<p>1. प्रतिदिन एक पेज सुलेख लिखें।</p> <p>2. पाठ -1 एवं पाठ-2 के शब्दार्थों को लिखकर याद करें।</p> <p>3. पाठ-1एवं पाठ-2 के प्रश्नोत्तरों को लिखकर याद करें।</p> <p>4. पाठ-1'हम पंछी उन्मुक्त गगन के' कविता को चित्र सहित लिखकर याद करें।</p> <p>5. पाठ-3 'अच्छे पड़ोसी के गुण' को पढ़ना है और पाठ से संबंधित प्रश्नोत्तरों को पुस्तक में रेखांकित करना है।</p>	VIII A1

PHYSICAL EDUCATION	Make a chart of number of players in different game, National games of different countries, and differnt events of Athletics (Track and Field events)	VIII A1
DRAWING	Mataki decoration	VIII A1
COMPUTER	1. Write the name of few devices that uses wireless signals in your home. 2. Use Internet and find out the names of different types of networking cables available in market. 3. List different Gadgets which use infrared technology at your home.	VIII A1