DAV PUBLIC SCHOOL, IFFCO, PARADEEP
SUMMER HOLIDAY HOME WORK   STD – VIII

HINDI	प्रश्न-1 कविता 'हम पंछी उन्मुक्त गगन के' माध्यम से आजादी के महत्त्व को समझाइए। प्रश्न-2 'हम पंछी उन्मुक्त गगन के' कविता के भाव से आप क्या समझते हैं ? प्रश्न-3 असल धन पाठ के आधार पर असल धन शीर्षक की सार्थकता को स्पष्ट कीजिए। प्रश्न-4 असल धन पाठ के आधार पर दारा का चरित्र-चित्रण कीजिए। प्रश्न-5 असल धन पाठ के आधार पर शाह का चरित्र-चित्रण कीजिए। प्रश्न-6 निम्नलिखित विषयों पर 100 से 150 शब्दों में अनुच्छेद लिखिए। क. आदर्श विद्यार्थी ख. पर्यावरण संरक्षण ग. स्वच्छ भारत स्वस्थ भारत
ENGLISH	• Revise all the chapters taught so far. • Make a tense chart using the verb 'dance'. • Learn 2 words from each of the alphabet and write their meanings. • Write a self-composed poem on 'Discipline'. • Interview a professional in your locality and record the interview in the notebook. • Write English news (day wise) in your notebook. • Read at least two books of your favourite author and prepare a book review about the author, characters and theme.
ODIA	• ବ୍ୟାକରଣ ପାଠ ୧ , ୨, ୩ ପାଠ ର ପ୍ରଶ୍ନଉତ୍ତର ଲେଖ । • ବୃକ୍ଷ ମାହାତ୍ମ୍ୟ ଓ 'ଡାକ ମୁନସି' ର ପ୍ରଶ୍ନ ଉତ୍ତର ପଢ ଓ ଲେଖ । • ରଚନା – ରଥଯାତ୍ରା, ସଂବାଦ ପତ୍ର • ଫକୀର ମୋହନ ଙ୍କ ଜୀବନୀ ପଢ଼ି ୧୫୦ ଶବ୍ଦ ମଧ୍ୟରେ ଲେଖ । • ଭାଷଣ- ଉତ୍କଳ ଦିବସ (୨୫୦ ଶବ୍ଦ)
SANSKRIT	1. शब्दरूपाणि लिखत- विद्वस् , आत्मन् , गच्छत् ,साधु , नदी 2. धातुरूपाणि लिखत– लभ् , सेव्, ज्ञा, दा (पञ्चलकारेषु) 3. कारकविभक्ति: उपपदविभक्तिश्च , उपसर्ग:, अव्ययम् , संख्या – (१-५०) Write 10 examples from each grammar portion 4. प्रत्यय: -(क्त्वा, ल्यप् , तुमुन् , शतृ) Write 10 examples from each grammar portion 5. सन्धि: - (दीर्घ: , गुण: , वृद्धि: , यण) Write 10 examples from each grammar portion
SCIENCE	PHYSICS: • Use pictures/illustrations, cartoons to bring out difference between force and pressure. • Prepare a scrap project report to show (a) An increase in area pressure decreases. (b) Decrease in area pressure increases. (Do it in project copy) CHEMISTRY: • Write the name, symbol and uses of any 10 metals and non-metals. • Write the formula for the following compounds Magnesium nitrate, Potassium sulphate, Lead acetate, Magnesium phosphate, Aluminium sulphate, Magnesium chloride, Zinc sulphide, Cupric sulphate, Potassium sulphide, Sodium hydroxide, Sodium oxide, Ferric oxide, Lead nitrate BIOLOGY : • Collect pictures of any five microorganisms and name them. (paste it in your science copy) • Collect pictures of six agricultural implements used by farmers. (paste it in your science copy) • Name different types of fertilizers made in IFFCO plant. (With their chemical composition)

MATHS	Solve all the questions from the given assignment in your HHW copy.(CHAPTER – SQUARES AND SQUARE ROOTS)

Long Answer Type Questions

1. The students of Class VIII of a school donated ₹ 2401 for Prime Minister's National Relief Fund. Each student donated as many rupees as the number of students in the Class. Find the number of students in the Class.
2. (a) A PT teacher wants to arrange maximum possible number of 6000 students in a field such that the number of rows is equal to the number of columns. Find the number of rows if 71 were left out after the arrangement.
   (b) 8649 students are sitting in a lecture room in such a manner that there are as many students in a row as there are rows in the lecture room. How many students are there in each row ?
3. An officer wants to arrange 202500 cadets in the form of a square. How many cadets were there in each row ?
4. A school collected ₹ 2304 as fees from its students. If each student paid as many paise as there were students in the school, how many students were there in the school ?
5. The area of a square field is $2\frac{113}{256}$ square metres. Find the length of one side of the field.
6. The area of a square field is 5184 m². A rectangular field whose length is twice its breadth, has its perimeter equal to the perimeter of the square field. Find the area of the rectangular field.
7. Find the least number which must be subtracted from 3156 to make it a perfect square.
8. Find the least number which must be added to 3320 to make it a perfect square.
9. Find the least number of six digits which is a perfect square. Find the square root of this number.
10. A gardener has 1000 plants. He wants to plant these in such a way that the number of rows and the number of columns remain same. Find the minimum number of plants he needs more for this. **[DAV 2011]**
11. Find the greatest number of 3 digits which is a perfect square.
12. Find the least number of 5 digits which is a perfect square.
13. A gardener arranges his plants in rows to form a perfect square. He finds that in doing so, 4 plants are left out. If the total number of plants be 3604, find the number of plants in each row.
14. The area of a square playground is 256.6404 square metres. Find the length of one side of the playground.
15. Find the approximate length of the side of a square whose area is equal to the area of a rectangle, with sides 16 metres and 15 metres.
16. Find the approximate length of the side of a square whose area is 270 m².
17. What must be added to 452664 to make it a perfect square ? **[DAV 2001]**
18. A General wishing to draw up his 64,019 men in the form of a square found that he had 10 men extra. Find the number of men in the front row.
19. Find the square root of 90 by estimation method.
20. Find the square root of 7 by estimation method.
21. Find the square root of 32 by estimation method.
22. Find $\sqrt{196}$ by repeated subtraction method.
23. Find the square root of 289 by repeated subtraction method.

- Write the story of pie (π) and paste the pictures of the Mathematicians those who contributed their idea to pie (π). (Do it in your HHW copy) |
| **SOCIAL SCIENCE** | ❖ Make a **Memory File** of a place you visited during summer vacation. **(Name of the place, reason of travel, mode of travel, period of stay, language , dress, food, religion , climate , flora and fauna.)**
❖ **Summarize 2019 General Election in India**. (Phases of election, number of candidate contested, candidate won from BJP, CONGRESS and Others, Ruling party , opposition party)
❖ List the Names of governor generals and vice Roy of India up to Independence. **(Hint** - 1st Governor General – Warren Hastings, 1st Vice Roy – Lord Canning (with the help of image and photograph)
❖ Learn Ch.-1(Resources utilization and development), Ch. -8 (Modern Period), Ch. -16 (Our Constitution) |