

Vaish Model Sr. Sec. School, Bhiwani

Summer Vacation Home Assignment

Session 2019-20

Class : VIII

Parents are requested to take care of their ward/s that they learn and revise the syllabus meant for Periodic Tests, July-2019 which has been given to the student in the school diary.

English:

1. Read chapter No. 23 and 24 of your English Grammar book, then fill the given exercises in the book itself.
2. Solve comprehension passage – B, C, D of Ch.- 27.
3. Write kinds of Noun, Pronoun and Determiners, also write their examples. Frame atleast two-two sentences of each example.
4. Make an attractive chart on anyone of the given topics : -
 - i. Tenses
 - ii. Prepositions
 - iii. Modals
5. Write diary entry of any five memorable days of your Summer Vacations in a scrap book, also paste pictures related to those days.
6. Ask your grandmother or some elderly person of your family to narrate you a story then write the story in your own words in about 150 words.
7. Describe your mother, father and siblings in about 150 words using atleast five adjectives for each of them.
8. Learn the following topics for July Unit Test.

(Reader)

L-1 The Best Christmas Present

Poem – The Ant and The Cricket

L-2 The Tsunami

Poem – Geography lesson

L-3 Glimpses of the Past

Poem – Macavity : The Mystery Cat

Supplementary - L- 1 : How the camel got his hump,

L- 2 : Children at Work,

L- 3 : The Selfish Giant.

Grammar : L-1 Sentences and Phrases, L-3 Adjectives and Degrees of Comparison

L- 4 Articles and Determiners, L-8 Subject – Verb Agreement

L-9 Modals

Writing Skill – Notice Writing, E-mail writing

Note: Do task No. 2, 3, 5, 6 in a separate notebook, task No.- 7 in a scrap book, and task No. 4 on a chart.

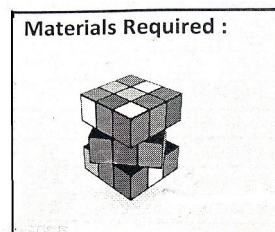
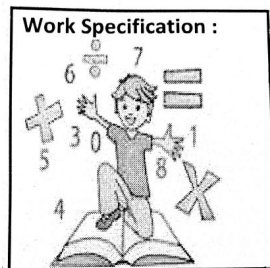
Hindi :

- हिन्दी पाठ्य पुस्तक वसंत भाग – 3 :
पाठ-1: ध्वनि, पाठ-2: लाख की चूड़ियाँ, पाठ-3: बस की यात्रा, पाठ-4: दीवानों की हस्ती
- अपना व्याकरण भाग – 8 :
पाठ-1: भाषा तथा व्याकरण, पाठ-2: ध्वनि, वर्ण तथा वर्तनी विचार, पाठ-3: संधि तथा संधि-विच्छेद, पाठ-4: शब्द, पद एवं शब्द मे भेद
- भारत की खोज:
पाठ-1: अहमदनगर का किला, पाठ-2: तलाश
उपर्युक्त पाठों को याद कीजिए।
- **निबंध :** – 1. हमारा राष्ट्रीय ध्वज, 2. इंटरनेट : एक वरदान, 3. वनों का काटना-एक अपराध
- **पत्र :** – 1. मौसी की बड़ी बेटी (मौसेरी बहन) के विवाह में सम्मिलित होने हेतु पाँच दिन के अवकाश के लिए विद्यालय की प्रधानाचार्या को आवेदन पत्र। 2. क्रिसमस के त्योहार पर ईसाई मित्र/सहेली को शुभकामना पत्र। 3. कक्षा के सभी छात्रों की ओर से पिकनिक आयोजन हेतु प्रधानाचार्या को प्रार्थना – पत्र।
- पाठ – 18 : मुहावरें और लोकोक्तियाँ (1 से 40 तक मुहावरे)
- पाठ्य पुस्तक वसंत में से पाठ 1 से 4 तक के शब्दार्थ। पाँच सुलेख लिखिए।
उपर्युक्त निबंध, पत्र, मुहावरे व पाठ 1 से 4 तक के शब्दार्थ (अलग) कॉपी में लिखिए व याद कीजिए।
- **परियोजना कार्य:** – सुनहरे भारत के विषय में महात्मा गाँधी, ए0पी0जे0 अब्दुल कलाम, रविन्द्र नाथ टैगोर और अटल बिहारी वाजपेयी जैसे महान विद्वानों के विचारों को चित्र सहित चार्ट पर दर्शाइए।

Sanskrit:

- **रुधिरा :** –
पाठ-1 सुभाषितानि, पाठ-2 बिलस्य वाणी न कदापि मे श्रुता, पाठ-3 डिजीभारतम्,
पाठ-4 सदैव पुरतो निधेहि चरणम्
उपर्युक्त पाठों को याद कीजिए।
- **संस्कृत व्याकरण :** – पाठ-1 वर्ण ज्ञानम् , पाठ-2 सन्धि प्रकरणम्
उपर्युक्त पाठों को याद कीजिए।
- **शब्दरूप :** – वानर, यत् (पु. नपु.) स्त्री., नदी
- **धातुरूप :** – चल् , क्रीड्, दा, रक्ष् , कृ , वस्
- **व्यावहारिक शब्दकोश :** – देहवर्ग: (1-30)
उपर्युक्त शब्दरूपों, धातुओं एवं व्यावहारिक शब्दाकोश को अलग अभ्यास पुस्तिका में लिखिए व याद कीजिए।
- **चार्ट :** – किन्ही दस पशुओं के नाम या दस पक्षियों के नामों को संस्कृत में लिखकर चित्र सहित चार्ट पर दर्शाइए।

Mathematics



- Homework is divided into three parts: -
 - PART A is model /flash card work, you have to make any one flash card/model out of the given topics.
 - PART B is the work sheet, which is just the recapitulation of whatever has been done so far. Do the worksheet in the separate homework notebook.
 - PART C is based on Chart, you have to make any one chart out of the given topic.
- Text book, maps, newspaper and various magazines.

General Guidelines for students: -

- Do the homework in the separate Homework notebook.
- Presentation carries marks.
- Number the questions in serial order.
- Draw neat diagrams whenever necessary and label the parts neatly and clearly.
- Your HOMEWORK notebook needs to have a cover and introduction content.

PART – A

- Select any one topic from the list provided and work on them. Make a model/flash card and submit it with proper care.

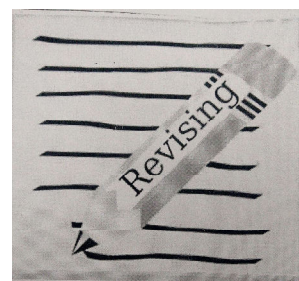
Topic for flash card or model are: -

- 2-D Shapes,
- 3-D Shapes,
- Representing Rational numbers on number line.



PART – B

- All questions are compulsory. Do it in your separate homework notebook.



Section – A

- Identify the rational numbers and then write their numerators and denominators:
 - $\frac{-8}{7}$
 - $\frac{5}{0}$
- Find the two rational numbers between $\frac{-2}{3}$ and $\frac{1}{4}$.
- Is 505050 a perfect square number? Give reasons.
- Express 64 as sum of odd numbers.

5. By what least number should 675 be multiplied to get a perfect cube?
6. What is one's digit in the cube of 62?
7. Simplify $6^{15} \div 6^7$.
8. Write the base and exponent in $\left(\frac{-3}{5}\right)^3$.
9. Write 6.83×10^{-3} in usual form.
10. Express $\frac{-7}{5}$ as a rational number whose numerator is -14 .

Section – B

11. Find the sum $\frac{8}{15} + \left(\frac{-2}{3}\right)$
12. Verify that $x + y = y + x$ if $x = \frac{-5}{12}$, $y = \frac{2}{3}$
13. Find the square of the following numbers by using identity:
 - (i) 53^2
 - (ii) 65^2
14. The Volume of a cube is 1331 cm^3 . Find the length of its edge.
15. If $x^2 = 16$ then what is the value of x^3 ?
16. simplify $\sqrt{5^2 - 42}$
17. Solve $2^{x-2} = 4$.
18. The radius of sun is $7 \times 10^8 \text{ m}$ and that of Earth is $6.4 \times 10^6 \text{ m}$. Compare the radii of two.
19. Represent $-3\frac{1}{7}$ on number line.
20. By What least number should we divide 10224 to make it perfect square?

Section – C

21. Fill in the blanks: -
 - (a) The value of $(1^{-100})^2$ is _____.
 - (b) Additive inverse of $\frac{7}{-9}$ is _____.
 - (c) Multiplicative inverse of 0 is _____.
 - (d) Squares of odd numbers are _____.
 - (e) The number of zeroes in the end of perfect square is never _____.
 - (f) The cube of even number is an _____ number.
22. Find the smallest number that must be subtracted from 682 to make it a perfect square.
23. Find the value of $\sqrt[3]{5 - \frac{10}{27}}$
24. Observe the following pattern and complete

$$2^3 - 1^3 = 1 + 3 \times 2 \times 1$$

$$3^3 - 2^3 = 1 + 3 \times 3 \times 2$$

$$4^3 - 3^3 = 1 + 3 \times 4 \times 3$$

$$5^3 - 4^3 = 1 + 3 \times 5 \times 4$$

$$15^3 - 14^3 = \underline{\hspace{2cm}}$$

$$7^3 - \underline{\hspace{1cm}} = 1 + 3 \times 7 \times \underline{\hspace{1cm}}$$

$$13^3 - 12^3 = \underline{\hspace{1cm}} + 3 \times \underline{\hspace{1cm}} \times \underline{\hspace{1cm}}$$
25. Simplify: $\sqrt{5^2 - 4^2}$
26. What should subtracted from $\frac{3}{7}$ to get $\frac{1}{3}$?

27. Using suitable properties of rational number, evaluate: $\frac{4}{9} \times \left(\frac{-3}{7}\right) + \frac{3}{14} + \left(\frac{-3}{7}\right) \times \frac{2}{9}$

28. Verify: $\frac{2}{5} \times \left(\frac{1}{2} - \frac{1}{3} - \frac{1}{4}\right) = \frac{2}{5} \times \frac{1}{2} - \frac{2}{5} \times \frac{1}{3} - \frac{2}{5} \times \frac{1}{4}$

29. Simplify: $(2^{-1} \times 5 - 1)^{-1} \div 4^{-1}$

30. Find m , if $\left(\frac{8}{11}\right)^{-5} \times \left(\frac{8}{11}\right)^m = \left(\frac{8}{11}\right)^{-2}$

Section – D

31. Find the reciprocal of the rational number $\left(\frac{1}{2}\right)^{-2} \div \left(\frac{2}{3}\right)^{-3}$

32. Find the value of $\frac{x}{y}$, if $\left(\frac{2}{7}\right)^{-6} \times \left(\frac{14}{9}\right)^{-6} = \left(\frac{x}{y}\right)^{-6}$

33. Find the square root of 256 by repeated subtraction.

34. Find the smallest 6 digit number which is perfect square.

35. Find the square root of 6.4009 by the long division method.

36. Is 10648 a perfect cube? If not then what is the smallest number by which it should be divided so that quotient is a perfect cube?

37. The edge of cube is 3.2m long. Find its volume.

38. The length of a rectangle is $5\frac{1}{4}$ m and its breadth is $2\frac{1}{3}$ m. Find the perimeter and area of the rectangle.

39. Simplify: $\frac{4}{7} + 0 + \frac{-8}{9} + \frac{-13}{7} + \frac{17}{21}$

40. State True or False and Justify your answer.

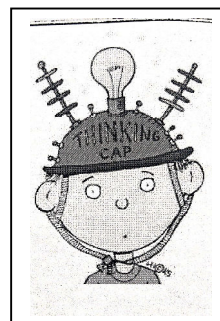
- (i) Every whole number is a rational number.
- (ii) Any number raised to the Power zero is number itself.
- (iii) The square of a number is that number raised to power 3.
- (iv) The cube of an odd number is even.

Section – E

41. Do practice of Ch-1, Ch-6, Ch-7 and Ch-12 from NCERT.

PART - C

- Select any one topic from the list provided and make a colourful Chart.
 - ✓ Rational Number,
 - ✓ Laws of Exponents,
 - ✓ Squares and Square Roots



Science:

1. Make a separate notebook for holiday homework.
2. Complete the fair notebook upto chapter – 5.
3. Complete experiment No- 8 & 11 in Lab-Manual.
4. Complete exercise of exemplar upto Ch-5.

5. Write and learn definitions of any five keywords each from chapter 1 to 5.
(Given at the end of each chapter)
6. Learn chapter 1 to 4 with exemplar.
7. Make diagram of 'Nitrogen-Cycle' on the chart.
8. Write the symbols of metals and non-metals given in Ch-4 (Pg No. 48)
9. Collect samples of five metals and five nonmetals each and paste them in your notebook.

Note : - Prepare well for July Periodic Test (with exemplar)

S.St.

Learn these lesson: इन पाठों को याद करें।

History :

Ch- 1 How, When and Where कैसे, कब और कहाँ।

Ch-2 From Trade to territory

The Company Establishes Power

व्यापार से साम्राज्य तक

कंपनी की सत्ता स्थापित होती है

Civics: -

Ch-2 Understanding Secularism धर्मनिरपेक्षता की समझ

Ch-3 Why do we need parliament हमें संसद क्यों चाहिए।

Geography :

Ch-1: Resources संसाधन,

Ch-2: Land, Soil, Water, Natural Vegetation and Wild Life Resources

भूमि, मृदा, जल, प्राकृतिक वनस्पति तथा वन्य जीवन संसाधन

Note: Complete Note Book. कॉपी पूरी करे।

Make a project on 17th Loksabha Elections 2019.

17वीं लोकसभा चुनाव 2019 पर परियोजना कार्य तैयार करे।

Computer

1. Prepare a chart on any of the following topics:
 - (i) Types of Network
 - (ii) Parts of Network
 - (iii) Network of Topology
2. Find and write 10 abbreviations from your book.
3. Learn syllabus covered up to Summer Vacations.
4. Write the biography on "Vinod Dham" Father of Pentium Chip.
5. Learn and write Worksheet cum Test Papers based on Chapter 1, 2 on Page No. 115.
6. Plant a tree with your parents and capture a picture and paste it in your Fair Notebook.

Note: - 1. Do all the written work in your fair notebook.

2. The entire work should be in good handwriting.