Vaish Model Sr. Sec. School, Bhiwani
Summer Vacation Home Assignment
Session 2019-20
Class : VII

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

English:

1. Revise the following syllabus: -
   Honeycomb: - Ch-1 : Three Questions , The Squirrel
   Ch-2: A Gift of Chappals, The Rebel
   Ch-3: Gopal and the Hilsa-Fish, The Shed
   An Alien Hand : - Ch-1: The Tiny Teacher
   Ch-2 : Bringing Up Kari
   Ch-3 : The Desert
   Grammar : - Sentences, Adjectives and Degrees of comparison, Articles and Determiners, Verbs.
2. Do exercise of Ch-22 (Idioms and Proverbs)
3. Do exercise of Ch-24 (Understanding words better)
4. Father is the most important person in a child's life. 17th June is Father's Day. Make your father feel special and write how did you make that day special for him in atleast 120 words.
5. Yoga makes us disciplined and healthy. June 21st is Yoga Day. Write about the importance of Yoga in life.
6. Do comprehensions B, C, D on Pg. No. 194 to 197 from your grammar book.
7. Write and learn three words and their meanings daily from your dictionary.

Hindi :

➤ **हिन्दी पाठ्य पुस्तक वसंत भाग–2 :**
पाठ–1: हम पंछी उन्मुक्त गगन के,   पाठ–2: दादी माँ,
पाठ–3: हिमालय की बेटियाँ,   पाठ–4: कठपुतली

➤ **पूरक–पुस्तिका महाभारत** : – 1 से 5 प्रश्नोत्तर।

➤ **अपना व्याकरण भाग–7 :**
पाठ–1: भाषा, लिपि, बोली तथा व्याकरण,   पाठ–2: ध्वनि, वर्ण तथा वर्तनी,
पाठ–3: संधि तथा संधि–विच्छेद,   पाठ–4: शब्द एवं शब्द के भेद
उपर्युक्त पाठों को याद कीजिए।

➤ **पत्र : –** 1. फीस माफ़ कराने हेतु प्रधानाचार्या जी को पत्र।

2. दूसरे शहर में रहने वाले मित्र को उसके जन्मदिन पर बधाई–पत्र।

3. मोहल्ले की सफाई के लिए नगर–निगम के स्वास्थ्य अधिकारी को पत्र।

➢ **निबंध : –** 1. स्वच्छ भारत अभियान,   2. पेड़ बचाओ, जीवन बचाओ

       3. दहेज एक सामाजिक बुराई

➢ पाठ्य पुस्तक वसंत में से पाठ 1 से 4 तक के शब्दार्थ।

➢ उपर्युक्त पत्र, निबंध व शब्दार्थ अपनी गृहकार्य पुस्तिका में लिखिए व याद कीजिए व पाँच सुलेख भी लिखिए।

➢ **परियोजना कार्यः –** शब्द, उसके भेदों व उपभेदों पर एक चार्ट तैयार कीजिए।

Sanskrit:

➢ **रुचिरा** भाग–2 :

पाठ–1 सुभाषितानि   पाठ–2 दुर्बुद्धिः विनश्यति

पाठ–3 स्वावलम्बनम्   पाठ–4 हास्यबालकविसम्मेलनम्

उपर्युक्त पाठों को याद कीजिए व लेखन कार्य पूरा करें।

➢ व्यावहारिक संस्कृत व्याकरण संहिता भाग–2 :

पाठ–1 संस्कृत भाषा और व्याकरण   पाठ–2 वर्ण–विचारः

पाठ–3 शब्द–विचारः   पाठ–4 कारक–विचारः कर्त्ताकारकश्च

उपर्युक्त पाठों को याद कीजिए व लेखन कार्य पूरा करें।

➢ **शब्दरूप :** – नर, रवि, किम् (पु0 न0, स्त्रीलिंग)

➢ **धातुरूप :** – चर् , रक्ष् , पा, वस् , कृ, दृश् (पाँचों लकार)

➢ **व्यावहारिक–शब्दकोश :** –

(ग) पुष्पवर्गः   (घ) फलादिवर्गः

(ड़) शाकवर्गः   (च) अन्नवर्गः

उपर्युक्त शब्दरूपों, धातुओं एवं व्यावहारिक शब्दकोश को अलग अभ्यास पुस्तिका में लिखिए व याद कीजिए।

➢ परियोजना कार्य : – रुचिरा भाग–2 पृष्ठ संख्या 17 की सहायता से भारतीय वर्ष के अनुसार ऋतुओं का वर्णन चित्रों व प्रत्येक ऋतु के विषय में चार–चार वाक्यों (संस्कृत) में कीजिए।

Mathematics

General Guidelines for students: -

- Homework is divided into three parts: -
- PART A is modal /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.
- **Materials Required** : Text book, maps, newspaper and various magazines.

- 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.
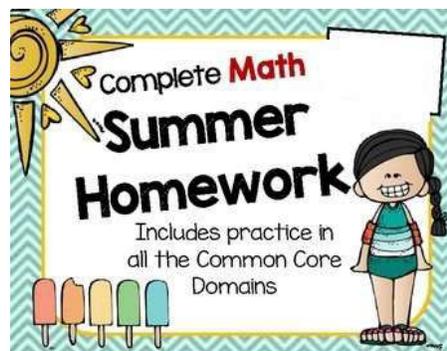
  Topic for flash card or model are : -
  (a) Properties of Integers
  (b) Symmetry
  (c) Basic Geometrical Shapes.

The only way to learn mathematics is to do mathematics.

PART – B

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

1. Simplify: - $[23 - (-9)] + [12 - (-6)]$
2. Write two pairs of integers (a, b) such that $a \div b = -4$
3. Find an integer which when multiplied by 3 and then divided by 2 becomes (-18).
4. What should be added to $3\frac{1}{2}$ to get $8\frac{1}{4}$?
5. Divide the sum of fractions $\frac{3}{2}$ and $\frac{5}{7}$ by their difference.
6. If the cost of book is Rs. 29.75, Find the cost of 32 such books.
7. Simplify: $\frac{2 \times 3^4 \times 2^5}{9 \times 4^2}$
8. Write $9 \times 9 \times 9 \times 9$ in exponential form taking base as 3.
9. Write 724904 in expanded form.
10. Write the statements in standard form:
    (a) Diameter of Earth is 1,2756000m.
    (b) The distance between Sun and Saturn is 1,433,500,000,000.
11. Rajan had Rs. 6000 in his bank account on a particular day. A week later, he deposited Rs. 1500 and next day he had to withdraw $\frac{1}{3}$rd of his total balance. Find his balance amount in the bank after withdrawal.
12. In a class test containing 10 questions, 4 marks are given for every correct answer and (-2) marks are given for every incorrect answer.
    Naresh attempts all the questions but only 8 of his answer are correct. What is his total score?
13. Simplify: $[(-56) \div (-8)] + [(-7) \div (7)]$
14. Shikha's age is $\frac{2}{5}$ of the age of her eldest brother. If her brother's age is 35 years, then how old is Shikha?

15. The cost of $4\frac{1}{4}$kg of sugar is Rs. 68. Find the cost of 1kg.

16. The cost of one dozen of apples is Rs. 256.20. Find the cost of one apple.

17. Simplify: $\frac{7^2 \times 11^6 \times 32}{11^3 \times 24}$

18. Simplify: $[(2^2)^4 \times (3)^8] \times 5^8$

19. Find the number from each of the following expanded form:
    (i) $8 \times 10^5 + 7 \times 10^4 + 5 \times 10^3 + 4 \times 10^2 + 6 \times 10^1 + 9 \times 10^0$
    (ii) $6 \times 10^5 + 5 \times 10^2 + 6 \times 10^1 + 9 \times 10^0$

20. Write the following numbers in usual form: -
    (i) 4.356×10^7 (iii) 19.5021×10^6
    (ii) 20.345×10^6 (iv) 7.5×10^3

21. Find the value of x: $(-17) \times [(-5) + x] = (-17) \times (-5) - (-17) \times 4$

22. Using suitable properties evaluate: $589 \times (-41) + 589 \times (-59)$

23. The sum of two integers is -250. If one integer is 100, find the other one.

24. Simplify: $(11 - 5) \times [12 + \{3 + \overline{11 - 14}\}]$

25. (i) Simplify: $(-1)^{125} \times (-1)^{97} \times (-1)^{10}$
    (ii) Find the value of $- (-171) - (-39)$

26. (i) Verify that $(a \div b) \div c \neq a \div (b \div c)$ for $a = -225, b = 15, c = -3$
    (ii) Use the given symbol $=, <, >$. Fill in the blank (with full solution)
             $-(-39) + 24 - 15\ldots\ldots 36 + (-52) - (-47)$

27. 78 metres of cloth has been cut into places each 1.2m long. Find the number of pieces that can be cut.

28. The product of two numbers is 227.97. If one of them is 15.3, find the other.

29. Find the value of $3\frac{1}{7} \times 5\frac{2}{3} - 4\frac{1}{5} \times 2\frac{2}{3}$

30. (i) Convert 3.65 decagram into decigram.
    (ii) Convert 56.4512 mg into decigram.
    (iii) How many 25-paise coins are there in Rs. 125?
    (iv) (4.50+2.5)÷3.5 solve it.

31. (i) Solve $0.06764 \div 0.089$
    (ii) Vitesh cuts 90m of cloth into equal pieces of length 1.2m. How many pieces does she get?

32. (i) Rekha's monthly income is rs. 21000. Her monthly expenses are $\frac{6}{7}$ of her income. How much does she save every month?
    (ii) Divide 1.001 by 14.
    (iii) Arrange in ascending order: 8.46, 8.64, 8.6, 8.4, 8.06, 8.04

33. (i) Find the value of x: $(-2)^x = -32$
    (ii) Simplify: $\left(-\frac{1}{2}\right)^3 \times 3^2 \times \left(\frac{3}{4}\right)^2$

34. (i) Express $\frac{-1}{343}$ in the exponential form.
    (ii) Solve: $\left[\left(\frac{3}{4}\right)^4 - \frac{1}{3}\right]^2$

35. Find the value of y: $\left(-\frac{1}{3}\right)^6 \times \left(-\frac{1}{3}\right)^5 = \left(-\frac{1}{3}\right)^{y+1}$

36. By what number should $(-25)^2$ be divided so that the quotient is 5?

37. Show that : $\left[\left(\frac{1}{2}\right)^2\right]^3 \times \left(\frac{1}{3}\right)^2 \times \left(\frac{3}{2}\right)^2 \times \frac{5}{6} = \frac{5}{1536}$
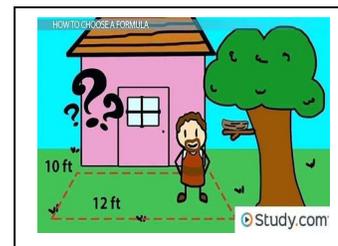
38. Simplify: $\frac{(2^5)^3 \times 7^3}{8^3 \times 7}$

39. Find the value of P: $25^{P-1} + 100 = \frac{5^{2p}}{5}$

40. Evaluate : $\frac{(14)^7 \times 4^7 \times (25)^5 \times (81)^3}{(15)^7 \times (12)^5 \times (80)^3 \times 7^7}$

PART – C

▪ Make a colourful chart on any topic of Maths of your choice.

Science:

Note:

- Do Holidays' Homework in a separate notebook.
- Keep your fair notebook and Exemplar updated upto Chapter 5.
- Complete Experiment No. 5 and 6 in the Science lab Manual.
- Learn in between questions, textual questions and book exercises of Textbook and exemplar of following chapters.

    Ch-1 Nutrition in Plants,   Ch-2 Nutrition in Animals,
    Ch-3 Fibre to fabric   Ch-4 Heat

- Write and learn definitions of any five keywords each from chapter 1 to 5 (25 def.)
- Prepare an attractive chart on the topic assigned to the students according to their Roll No.s

    (a) Life history of silk moth (1st half of the Roll No.s)

    (b) Human digestive system (2nd Half of the Roll No.s)

- Draw well labelled diagrams of the following

    (a) Regions of the tongue for different tastes. (Pg.No.15)

    (b) Feeding and digestion in Amoeba (Pg.No.18)

    (c) Photosynthesis (Page No. 3)

    (d) Clinical thermometer (Pg.No.36) and laboratory thermometer (Pg.No.38)

    (e) Sea breeze and land breeze (Pg.No.43)

S.St.

Learn following chapters:

History :

Ch- 1 Tracing Changes Through A thousand years

हजारों वर्षों के दौरान हुए परिवर्तनों की पड़ताल

Ch-2 New Kings and Kingdoms नये राजा और उनके राज्य।

Civics: -

Ch-2 Role of the Government in Health स्वास्थ्य में सरकार की भूमिका

Ch-3 How the State Government works राज्यशासन कैसे काम करता है?

Geography :

Ch-2: Inside our Earth हमी पृथ्वी के अंदर

Activity: Make a wall Paper on "Fonne Floods" struck on Odissa in 2019.

फांनी तूफान 2019 जिसने उड़ीसा में प्रभाव दिखाया उसपर एक वॉल पेपर परियोजना तैयार करें।

Computer

1. Prepare a chart on any of the following topics:
   (i)   Computer hardware   (ii) Storage Devices
2. Write the biography on 'Ajay Bhatt' well known as Co-founder or Co-Inventor of the USB.
3. Learn syllabus covered up to Summer Vacations.
4. Write 20 shortcut keys of MS Office.
5. 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.

HAPPY SUMMER