



**Rama International School**

**Session 2019-20**

**Class-VI**

**Holiday Homework**

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**Dear Parents**

Holidays are a time to be with the family and friends. It brings a hope, dazzling a smile on the face on child. It is also a time to indulge in on favorite sport or pursue on hobbies. We make numerous plans for on holidays but most of them are not fulfilled. One of the main reasons for this is procrastination.

So why not make the most of it. Let's make a conscious effort to make these holidays more valuable and special of children by following some steps.

1. Spend some time with children discuss about their routine. While having meal keep away all the technology and get personal with your children.
2. Such moments of togetherness fortify family values and enhance bonding between parent and children.
3. Help your child in reading English books or novels.
4. Assist your child in completing his/her homework.
5. Do all the driven work sheets neatly and keep them in a well labeled folder. Write your name and class in each worksheet. If worksheets are not given than make separate note book for each subjects.
6. Involve your child in House. Chows like watering plants, arranging bed. Helping you in preparing Meal, arranging table etc.
7. Revise for all subjects as per the syllabus of P.T. I & Qualifying exam in class 10<sup>th</sup>.

Submit your Holiday Homework to your Subject teacher by 5 July 2019.

**Happy Holidays!!!**

## **SUBJECT- COMPUTER**

- (I) Write down the use of Internet in homework copy.
- (II) Learn and write shortcut keys used in MS Office on homework copy.
- (III) Paste or Draw input and output devices on homework notebook.
- (IV) Learn and write whole classwork done in notebook, there will be a written test after holidays.
- (V) Create a presentation on the topic:
  - (i) Five famous personalities (Roll no. 1 to 10)
  - (ii) Five web browsers (Roll no. 11 to 21)
    - Put handouts of your slides in a folder.
    - The slides should contain both graphics and text.
    - The presentation should contain 5 or more slides.
- (VI) Make PowerPoint presentation on any one of the given topics:
  - Wonders of the world
  - Indian monuments
  - Generations of computers
  - Indian festivalsMake at least 8 – 10 slides.
- (VII) List out the following (at least five):-
  - Computer languages
  - IT/software companies in India
  - IT/Computer magazines
  - Famous IT personalities

## SUBJECT- ENGLISH

### Do the following exercises on a separate thin notebook :-

1. Watch 3 children's movies from the given list and write a short review on what you liked about it. Write also about your favorite character or any scene you loved in the movie.

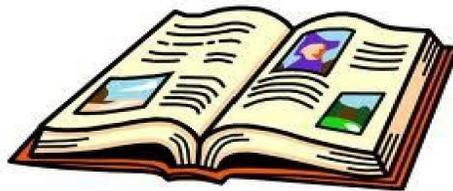
- a) Mary Poppins
- b) Little Women
- c) Lion, Witch and the Wardrobe
- d) Pollyanna
- e) The Little Princess
- f) The Secret Garden
- g) Harry Potter and the Philosopher's Stone
- h) The Railway Children
- i) Charlie and the Chocolate Factory
- j) Alice in Wonderland

2. Parents, please continue to encourage your child to read. Here are lists of sites you can use to encourage reading.

<http://www.bookadventure.com>

<http://www.magickeys.com/books>

3. One is never alone when one is with books. Sitting in your room with your book you could go off to far away places, meet all kinds of people, animals, birds and even fairies. What fun! Reading will teach you many new words. You will write better and speak well. Read books to discover lots of new things!!



Read atleast two story books out of the list of books given below.

- a. Gulliver's Travels
- b. The adventures of Tom Sawyer

- c. Moby Dick
- d. Ben-Hur
- e. A Christmas Carol

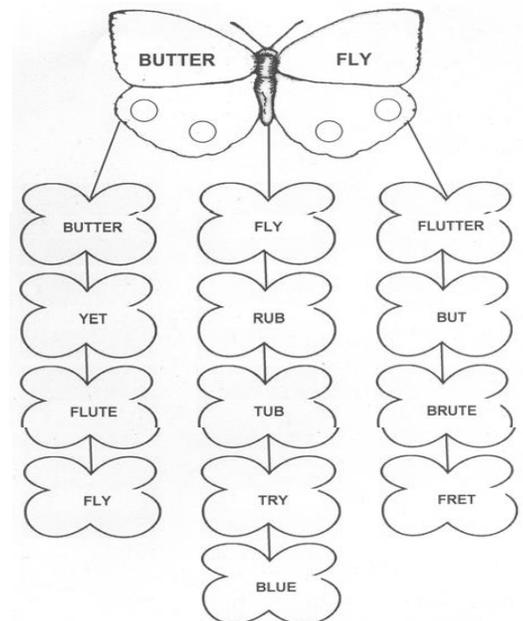
**Do this work in the same notebook :-**

- (a) Name of the book
- (b) Name of the author
- (c) Main characters of the story
- (d) Your favorite character and why is it your favorite?
- (e) Moral of the story
- (f) Make a stick puppet of year favorite character
- (g) Write the story in your own words.

- 4. Prepare a speech on the topic “Friend-Ship”.
- 5. Do module -2,4 & 6 in compacta.
- 6. Revise all the work done in class.
- 7. Read an English newspaper or watch English news on TV and write five news headlines daily in your notebook.
- 8. Lets have ‘Fun with words’. Make as many 3, 4 or 5 letter words as you can from one word. Place these words neatly on a cutout and hang them under the beautiful coloured and decorated cutout of the main word. Admire your creativity being transformed into an amazingly gorgeous mobile for your class. Choose any one word from the list below. (an example is illustrated for you)

**Words**

- |                 |                |
|-----------------|----------------|
| 1. Butterfly    | 2. Cauliflower |
| 3. Hippopotamus | 4. Sunflower   |
| 5. Crocodile    | 6. Snow White  |
| 7. Blackberry   | 8. Water Melon |
| 9. Tortoise     | 10. Pineapple  |



**SUBJECT- MATHS**

Q.1 Write and learn 2 to 20 table . (2 times)

Q2 Addition

- (i)  $8792787 + 485785$
- (ii)  $765550 + 7766450$
- (iii)  $098653 + 985340$
- (iv)  $7863098 + 9003765$
- (v)  $9090900 + 99909090$

Q3. Subtraction

- (i)  $9090909 - 999999$
- (ii)  $99999 - 991919$
- (iii)  $1000000 - 999999$
- (iv)  $8988889 - 8855555$

Q4 Multiplication

- (i)  $67586 \times 65$  (ii)  $908765 \times 909$  (iii)  $997654 \times 11$  (iv)  $765498 \times 58$

Q5 Divide

- (i) 654564 by 40 (ii) 898987 by 7 (iii) 432365 by 25 (iv) 99999 by 11
- (v) 8976543 by 23 (vi) 6734986 by 812 (vii) 7865434 by 12 (viii) 5654400 by 100
- (ix) 897642 by 2 (x) 6543298 by 6

Q.6 Write the numeral for each of the following numbers:

- (i) Nine thousand eighteen
- (ii) Fifty-four thousand seventy-three
- (iii) Three lakh two thousand five hundred six
- (iv) Twenty lakh ten thousand eight
- (v) Six crore five lakh fifty-seven
- (vi) Two crore two lakh two thousand two hundred two
- (vii) Twelve crore twelve lakh twelve thousand twelve
- (viii) Fifteen crore fifty lakh twenty thousand sixty-eight

Q.7 Write each of the following numbers in words as Indian Number System:

- (i) 63,005 (ii) 7,07,075 (iii) 34,20,019 (iv) 3,05,09,012 (v) 5,10,03,604 (vi) 6,18,05,008
- (vii) 19,09,09,900 (viii) 6,15,30,807 (ix) 6,60,60,060

Q.8 Rewrite each of the following numerals with proper commas, using the international place-value chart. Also, write the number name of each in the international system.

- (i) 735821 (ii) 6057894 (iii) 56943821 (iv) 37502093 (v) 89350064 (vi) 90703006

Q.9 **Arrange the following numbers in descending order:**

- (i) 63521047, 7354206, 63514759, 7355014, 102345680

- (ii) 5032786, 23794206, 5032790, 23756819, 987876
- (iii) 190909, 1808088, 16060666, 16007777, 181888, 1808090
- (iv) 199988, 1704382, 200175, 1702497, 201200, 1712040

**Q.10 Arrange the following numbers in ascending order:**

- (i) 9873426, 24615019, 990357, 9874012, 24620010
- (ii) 56943201, 5694437, 56944000, 5695440, 56943300
- (iii) 700087, 8014257, 8015032, 10012458, 8014306
- (iv) 1020304, 893245, 980134, 1021403, 893425, 1020216

**Q.11 Round each of the following numbers to the nearest ten:**

- (i) 36 (ii) 173 (iii) 3869 (iv) 16378

**Q. 12 Round each of the following numbers to the nearest hundred:**

- (i) 814 (ii) 1254 (iii) 43126 (iv) 98165

**Q. 13 Round each of the following numbers to the nearest thousand:**

- (i) 793 (ii) 4826 (iii) 16719 (iv) 28394

**Q.14 Round each of the following numbers to the nearest ten thousands:**

- (i) 17514 (ii) 26340 (iii) 34890 (iv) 272685

**Q. 15. Estimate each sum to the nearest ten**

- (i)  $(57 + 34)$  (ii)  $(43 + 78)$  (iii)  $(14 + 69)$  (iv)  $(86 + 19)$
- (v)  $(95 + 58)$  (vi)  $(77 + 63)$  (vii)  $(356 + 275)$  (viii)  $(463 + 182)$
- (ix)  $(538 + 276)$  (x)  $(53 - 18)$  (xi)  $(97 - 38)$  (xii)  $(409 - 148)$

**Q.16 Estimate each sum to the nearest hundred**

- (i)  $(236 + 689)$  (ii)  $(458 + 324)$  (iii)  $(170 + 395)$  (iv)  $(3280 + 4395)$
- (v)  $(5130 + 1410)$  (vi)  $(10083 + 29380)$  (vii)  $(678 - 215)$  (viii)  $(957 - 578)$
- (ix)  $(7258 - 2429)$  (x)  $(5612 - 3095)$

**Q.17 Estimate each sum to the nearest thousand**

- (i)  $(32836 + 16466)$  (ii)  $(46703 + 11375)$  (iii)  $(35863 - 27677)$  (iv)  $(47005 - 39488)$

**Q.18 There are 54 balls in box A and 79 balls in box B. Estimate the total number of balls in both the boxes taken together.**

**Q19. The number of persons who visited the holy shrine of Mata Vaishno Devi during last two consecutive years was 13789509 and 12976498 respectively. How many persons visited the shrine during these two years?**

**Q20. Last year, three sugar factories in a town produced 24809565 bags, 18738576 bags and 9564568 bags of sugar respectively. How many bags were produced by all the three factories during last year?**

**Q 21: A number exceeds 37684955 by 3615045. What is that number?**

**Q.22. There were three candidates in an election. They received 687905 votes, 495086 votes and 93756 votes respectively. The number of invalid votes was 13849. If 25467 persons did not vote, find how many votes were registered.**

**Q23. A survey conducted on an Indian state shows that 1623546 people have only**

primary education; 9768678 people have secondary education; 6837954 people have higher education and 2684536 people are illiterate. If the number of children below the age of school admission is 698781, find the total population of the state.

Q.24. In a particular year a company produced 8765435 bicycles. Next year, the number of bicycles produced was 1378689 more than those produced in the preceding year. How many bicycles were produced during the second year? How many bicycles were produced during these two years?

Q. 25. The sale receipt of a company during a year was Rs. 20956480. Next year, it increased by Rs. 6709570. What was the total sale receipt of the company during these two years?

Q.26 The total population of a city is 28756304. If the number of males is 16987059, find the number of females in the city.

Q.27. By how much is 13246510 larger than 4658642?

Q. 28. By how much is 5643879 smaller than one crore?

Q.29. What number must be subtracted from 11010101 to get 2635967?

Q.30 The sum of two numbers is 10750308. If one of them is 8967519, what is the other number?

Q.31 What comes just after 9547999?

Q.32 What comes just before 9900000?

Q.33 What comes just before 10000000?

Q.34 Write all 3-digit numbers using 2, 3, 4, taking each digit only once.

Q.35 Write the largest number of different digits formed by using the digits 2, 4, 0, 3, 6 and 9.

Q.36. Express each of the following as a Roman numeral:

(i) 2 (ii) 8 (iii) 14 (iv) 29 (v) 36 (vi) 43 (vii) 54 (viii) 61 (ix) 73 (x) 81 (xi) 91 (xii) 95 (xiii) 99 (xiv) 105 (xv) 114

Q.37. Express each of the following as a Roman numeral:

(i) 164 (ii) 195 (iii) 226 (iv) 341 (v) 475 (vi) 596 (vii) 611 (viii) 759

Q.38. Write each of the following as a Hindu-Arabic numeral:

(i) XXVII (ii) XXXIV (iii) XLV (iv) LIV (v) LXXIV (vi) XCI (vii) XCVI (viii) CXI (ix) CLIV (x) CCXXIV (xi) CCCLXV

(xii) CDXIV (xiii) CDLXIV (xiv) DVI (xv) DCCLXVI

Q.39. Write down the definition with example-

(i) Even Numbers (ii) Odd numbers (iii) Prime numbers (iv) Composite numbers

(v) Twin primes (vi) Prime Triplet

(vii) Co-primes (viii) Perfect Numbers.

Q.40. Write down all the factors of

(i) 20 (ii) 36 (iii) 60 (iv) 75

Q 41. What are co-primes ? Give examples of five pairs of co-primes. Are co-primes always primes? If no, illustrate your answer by an example.



Q52. Using divisibility tests, determine which of following numbers are divisible by 6:  
(a) 297144 (b) 1258 (c) 4335 (d) 61233 (e) 901352 (f) 438750 (g) 1790184 (h) 12583

Q53. Using divisibility tests, determine which of the following numbers are divisible by 11:  
(a) 5445 (b) 10824 (c) 7138965 (d) 70169308 (e) 10000001 (f) 901153

Q54. Write the smallest digit and the greatest digit in the blank space of each of the following numbers so that the number formed is divisible by 3:

(a)     6724 (b) 4765     2

Q55. Find the common factors of: (a) 20 and 28 (b) 15 and 25 (c) 35 and 50 (d) 56 and 120

Q56. Find the common factors of:

(a) 4, 8 and 12 (b) 5, 15 and 25

Q57. Find first three common multiples of: (a) 6 and 8 (b) 12 and 18

Q58. Write all the numbers less than 100 which are common multiples of 3 and 4.

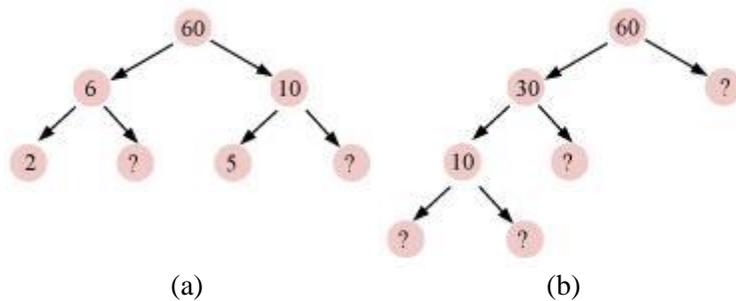
Q59. Which of the following numbers are co-prime?

(a) 18 and 35 (b) 15 and 37 (c) 30 and 415 (d) 17 and 68 (e) 216 and 215 (f) 81 and 16

Q60. Which of the following statements are true?

- (a) If a number is divisible by 3, it must be divisible by 9.
- (b) If a number is divisible by 9, it must be divisible by 3.
- (c) A number is divisible by 18, if it is divisible by both 3 and 6.
- (d) If a number is divisible by 9 and 10 both, then it must be divisible by 90.
- (e) If two numbers are co-primes, at least one of them must be prime.
- (f) All numbers which are divisible by 4 must also be divisible by 8.
- (g) All numbers which are divisible by 8 must also be divisible by 4.
- (h) If a number exactly divides two numbers separately, it must exactly divide their sum.
- (i) If a number exactly divides the sum of two numbers, it must exactly divide the two numbers separately.

Q61. Here are two different factor trees for 60. Write the missing numbers.



Q62. Find the HCF of the following numbers:

(a) 18, 48 (b) 30, 42 (c) 18, 60 (d) 27, 63 (e) 36, 84 (f) 34, 102 (g) 70, 105, 175  
(h) 91, 112, 49 (i) 18, 54, 81 (j) 12, 45, 75

Q63. The length, breadth and height of a room are 825 cm, 675 cm and 450 cm respectively. Find the longest tape which can measure the three dimensions of the room

exactly.

Q64. Find the LCM of the following numbers in which one number is the factor of the other.

(a) 5, 20 (b) 6, 18 (c) 12, 48 (d) 9, 45

Q65. Draw the angles by protractor

(a)  $45^\circ$  (b)  $90^\circ$  (c)  $75^\circ$

Q66. Write all even numbers from 1 to 100.

Q67. Write all odd numbers from 1 to 100

A. Simplify

Q68.  $67563+46443-8907$

Q69.  $78634-67543+7643$

Q70.  $678 \times 23 \times 2$

Q71.  $10 \times 35 \times 2$

Q72.  $654 \times 10 \times 2$

Q73.  $8363+63443-7654$

Q74.  $87 \times 100$

Q75.  $786756465 \times 0$

Q76.  $67653+0$

Q77.  $6354-0$

Q78.  $0/56553$

Q79.  $0 \times 86544$

Q80.  $543-0$

Q81. Give the prime factorization of each of the following

(a) 48 (b) 8712 (c) 2907 (d) 13915

Q82. Find the LCM of the numbers

(a) 42, 63 (b) 12, 18, 20 (c) 144, 180, 384

Q83. Write the successor of-

(a) 3545645 (b) 866453 (c) 99999

Q84. Write the predecessor of-

(a) 1000 (b) 65437 (c) 9999

Q85.  $1 \text{ km} = \dots\dots\dots \text{m}$

Q87.  $1 \text{ hour} = \dots\dots\dots \text{minutes}$

Q89.  $1 \text{ kg} = \dots\dots\dots \text{g}$

Q91.  $1 \text{ m} = \dots\dots\dots \text{mm}$

Q93.  $1 \text{ year} = \dots\dots\dots \text{months}$

Q95.  $1 \text{ day} = \dots\dots\dots \text{hours}$

B. Write down the formulas of

Q97. Area of square

Q98. Area of rectangle

Q99. Area of triangle

Q100. Area of circle.

Q86.  $1 \text{ m} = \dots\dots\dots \text{cm}$

Q88.  $1 \text{ hour} = \dots\dots\dots \text{seconds}$

Q90.  $1 \text{ kl} = \dots\dots\dots \text{l}$

Q92.  $2 \text{ hour} = \dots\dots\dots \text{minutes}$

Q94.  $1 \text{ leap year} = \dots\dots\dots \text{days}$

Q96.  $1 \text{ Rs.} = \dots\dots\dots \text{paise}$

**PROJECT WORK**

ROLL NO. 1 TO 5 ( Draw the different types of angles on a chart paper)

ROLL NO. 6 TO 10 ( Make an Indian and International place value chart on a chart paper)

ROLL NO. 11 TO 15 (Make a model of different shapes by thermocol sheet and cardboard)

ROLL NO. 16 TO 20 ( Make a table having 10 rows and 10 columns and find all the prime numbers from 1 to 100 by a Greek mathematician Eratosthenes)

## **SOCIAL STUDIES**

1. Prepare a report listing the Diversity that you see around yourself,at home, at school and in the neighbourhood.
2. Collect information about the satellites launched by India.Find out how they help us in the field of communication and weather forecasting.
3. Find out the 22 national languages and the states they belong to .
4. Think and write in what ways are Oceans useful to us?
5. Locate the states and capitals, union territories in physical map of India and learn it.
6. Make a collage on Wild Life Animals and Plants.
7. Learn all the syllabus of April & May.

## **SUBJECT-SCIENCE**

- Q1.** What do you mean by ingredients? Name the ingredients of dal.
- Q2.** Name the edible parts of plant and draw the diagram showing them.
- Q3.** Write an activity to sprout the seeds.
- Q4.** Make a list of five animals and their food.
- Q5.** Define herbivores and name two herbivores.
- Q6.** Define carnivores and name two carnivores.
- Q7.** Define omnivores and name two omnivores.
- Q8.** How can we avoid wastage of food?
- Q9.** Name some regions and their common meals.
- Q10.** Define nutrients.
- Q11.** Name different nutrients present in food.
- Q12.** Write an activity to test the presence of starch in food.
- Q13.** Write an activity to test the presence of fat in food.
- Q14.** Name some sources of carbohydrates, proteins and fats.
- Q15.** What do you mean by roughage?
- Q16.** What do you mean by balanced diet?
- Q17.** Define obesity.
- Q18.** Explain deficiency diseases.
- Q19.** Name some sources of Vitamin A, Vitamin B, Vitamin C, Vitamin D.
- Q20.** Make a table to show some diseases caused by deficiency of vitamins and minerals and their symptoms.

## विषय-हिन्दी

प्रश्न-1. नीचे दिये गए विषयों में से किसी एक पर सचित्र कविता लिखिए-(ए-3 शीट)

उद्यान, बचपन, विद्यालय, अतुल्य भारत, खेल-कूद।

प्रश्न-2. गाँव में मेरा एक दिन, विषय पर सचित्र अपना अनुभव लिखिए।

प्रश्न-3. निम्न विषयों में से किसी एक पर स्लोगन सहित पोस्टर बनाएँ। (ए-3 शीट)

– विश्व जल दिवस

– विश्व पृथ्वी दिवस

– राष्ट्रीय विज्ञान दिवस

– विश्व पर्यावरण दिवस

प्रश्न-4. 21 मई से 25 जून तक प्रतिदिन समाचार-पत्र पढ़कर मुख्य-मुख्य सूचना लिखिए।

प्रश्न-5. गर्मी की छुट्टियों में घूमने जाने का वर्णन अपने शब्दों में कीजिए।

प्रश्न-6. प्रतिदिन एक पेज सुलेख गृहकार्य कॉपी में करें।

प्रश्न-7. कहानियों पढ़ें और मुख्य-मुख्य बिन्दुओं को लिखें-

(जैसे- रामायण, महाभारत, हितोपदेश)

प्रश्न-8. "यदि मैं पक्षी होता" विषय पर दस वाक्य लिखिए।