ST. XAVIER'S SCHOOL, DORANDA

CLASS 6

GENERAL SCIENCE

HOLIDAY HOMEWORK

*Write the answers of the following questions on A4 sheets

Q1.) Write three general properties of each of the following:

    a. Solid

    b. Liquid

    c. Gas

Q2.) Define the following terms:

    i)   Volume   **ii)** Molecules

    iii) intermolecular space   **iv)** Fluids

    v) Melting   **vi)** Melting point

    vii) Evaporation   **viii)** Boiling point

    ix) Condensation   **x)** Freezing

    xi) Diffusion

Q3.) Differentiate between miscible liquids and immiscible liquids with examples.

Q4.) Explain the chemical changes that takes place when we burn a candle (with diagram).

Q5.) Answer all the questions of the chapters "Matter" and "Plant Life" in the workbook (with pencil).

1) Natural Numbers and Whole Numbers
1
Fill in the blanks :
1. The least natural number is
2. The least whole number is

3. The sum of any twO natural numbers is

4. The largest 4-digit number having thrce different digits is

5. The sum of the place value's of two 2's in 829728 is

6. Successor of 37 is

7.

8. The smallest number of four digits is

9. The greater number among 878787 and 787878 is

is the predccessor of 101.

10. We can represent any whole number on the

Multiple Choice Questions :

Exercise

Tick () against the correct answer.

(a) 4

11. The product of the place values of two 2's in 529723 is

(b) 4000 (c) 400000

12. The smallest 6-digit number ending in 2 is

(a) 100002 (b) 190002

(a) 7

(a) 99999

13. The place value of 'seven' in 460987 is

(b) 70

(b) 98899

14. The greatest number of five digits is

(c) 110002

(a) 100000b) 100002

(c) 700

5

(c) 89999

(d) 40000000

(c) 102000

(d) 200001

l5. The smallest six digit natural number having three different digits is

(d) 7000

(d) 90000

Fill in the blanks :

1. 176 + 1985 =

3. 7023 + 139 + 38 =

5. 684 + (72 + 1805) = (.......

6. 9 * 2

7. 15 * 11

9. 8* 12

Subtract the following :

11. 23,415 - 21,029

EEExercise

12. 10,00,000 - 9,89,625

13. 90,00,134 - 77,77,777

+ 176

Find * so that the statemnents

three times the first number to two times the second.

14. 92,08,414 + 11,11,111 _ 80,22,425

2

are true if

15. 66,22,000 - 21,01,576 - 10,00,000

2

2. 76128 + 0 =

4. 7000 + (999 + 1) =

votes casted in the election.

+ 72) + 1805

* denotes the addition of

10. 26 * 13

8. 20 * 10

16. Total number of students in a school were 3,585. Out of them 1,788 were girls. How many were boys?

17. In an exanmination, total number of candidates appeared were 11,82,432. Out of them 4,92,429 candidates failed. How many did pass?

18. In an election, the first candidate got 72,50,575 votes, second got 58,15,700 votes. If 5,000 votes were found to be invalid. Find the total number of

Fill in the blanks :

1. 12 x 3 =

5. 6 x .. = 0

x 12

3. (....... x 2) x 33 = 7 x (2 x 33) 4. 5 (7 + 6) = 5 x 7 + (5 x

6. 4 x 755 x 25 =

Multiply the following using combinations:

8. 125 x 40 x 8 x 25 =

2.

10. 579 x 999 + 579 =

x 79 - 1738

7. 2 x 999 x 50 =

9. 15279 x 92 + 8 x 15279 =

7

)

11. Ram buys 40 tables and 30 chairs at the rate of Rs 255 and Rs 125 respectively. Find the total amount paid by him.

12. The yearly fees of a student in an Institute is Rs 2,46,500. Find the fees paid by 750 students in the Institute per year.

13. The cost of rice is Rs 25 per kg and wheat is Rs 18 per kg. Find the total cost of 50 kg rice and 20 kg wheat.

14. A worker gets Rs 1750 per month. Find his total earnings in the year.

Carry out the division and check he anSWer by division algorithm,.

1. 425 15

Dividend = Divisor x Quotient + Remainder.

4. 786500 ÷ 999

6. 56051 ÷ 1 =

Erercike 4

7. 0 ÷ 72565 =

Find the value of the following :

8. 1500 ÷ (200 _ 100) =

2. 55555 ÷ 55

5. 100000 101

4

9. 3137 ÷ 3137 + 3137 + 3137 =

10. If n ÷n = n then the value of n =

3. 506418 ÷ 407

11. Find the greatest 5-digit whole number which is exactly divisible by 6U.

12. Ram distributes 716 toffees among 45 children. How many

toffees does

each child get? How many toffecs are left over?

Time Allowed : 20 Minutes

Choose the correet answer :

1. The least natural number is

(a) 2

(a) 1

A whole number which is not a natural number is

(a) -1

The lcast whole numbcr is

(a) 1

4. 725 ÷ 725 - 121 121 is

(a) 13

(b) 1 | (e) 0 |

7. 8 x 1000 +

(b) -4| (c) 0

(b) 0

Fill in the blanks :

(b) 2

6. Division is the inverse of

11, 459012 × 0 =

(b) 12

TEST PAPER 1)

5. A6 digit number is multiplied by another 6-digit number. The maximum number of digits that the product can have is

13. 4417 -0 =

9. 666 + 777 + 888 = 111 X

10. 75 x 90 = (70 + 5) (

Find the value of

15. (20 + 5) + 4 =

8. 0 divided by any other number is

12. 11 x 9 + 11 × 1 =

14. 680 + 480 ÷ 480 =

= 8824.

(c) -1

(c) 0

(c) 11

(d) -1

+ 80)

(d) -5

(d) -2

(d) -2

(d) 10

Timc Allowed : 20 Minutes

1. Write all possible numbers

8, 7, 0.

TEST PAPER (2

2 Write down any threc consecutive numbers prccecding 7% 1001

3. Write the largest number of 6 digits and smallest number of 7 digils (without repeating digits) by using

Which one is larger and by how much?

8.

4 Find the difference of the place values of two 9's in 38942059g

5. Write the smallest 6 digit number having three different digits.

6. Find the difference between the number 738 and that obtained on reversing its digits.

7. How many times does the digit 1 occur in ten's place in the numbers from 100 to 1000?

Arrange the following whole numbers in a decreasing order.

514, 136, 24, 900, 0, 242, 315, 641.

Write true or false.

9. Write the largest 4 digit numbers using the digits 7, 0, 4, 8 only once. the digits

10. Write the smallcst five digit number using digits 8, 1, 5, 2 only once.

11. 0 is less than every natural number.

is greater.

12. Of the two given natural numbers, one having more digits

13. 0 is the smallest natural number.

4 digit number.

14. The smallest 6 digit number is the successor of the largest

10

3

Find the prime factors of

1. 204

Number

Test the divisibility of following numbers :

2. 367314

3. 6520

4. 731520

5. 7849028

Factors and Multiples

6. 1723 * 4

7. 39 * 43

Divisibility

by 2

Exercise

Fill in the blanks :

Divisibility

by 3

Replace * by the smallest number to make it divisible by 11.

Divisibility

by 6

8. If a number is divisible by 9 it must be divisible by

9. If a number is divisible by 8 it must be divisible bv

10. Anumber is divisible by 18 if it is divisible by both

17

Divisibility

by 9

12. A number is divisible by 15 if it is divisible by

and

11. For a number to be divisible by 5 the last digits should be

and

and

Find the HC.E. of the following numbers using prime factorization method:

1. 504, 980

3. 59, 97

Show which of the following pairs are co-primes

5

162

Reduce the following fractions to the lowest terms :

207

What is the H.C.F. of :

8. Two prime numbers?

Exercise

10. Two co-primes?

6

11. 2 and any even number?

12. Any number and 1?

9. Two Consecutive numbers?

296

2. 106, 159, 265

481

4. 81, 117

7.

2975

4025

13. Find the greatest number which divides 245, 405 and 1029 leaving the remainder in each case.

Find the L.C.M. of the numbers given below :

1. 42, 63

3. 36, 40, 126

Exercise l)

5. 117, 221

7. 2923, 3239

2. 12, 18, 20

If first number X second number = L.C.M. x H.C.F., find the H.C.F. and L.C.M. of :

4. 48, 64, 72, 96, 108

19

6. 861, 1353

8. 1152, 1664

9. The HCF of numbers is 16 and their product is 3072. Find their L.C.M.

ime Allowed: 30 Minutes

Fill the correct answer :

1. An even prime number is

2. Prime fractorization of 98 is

3. A number is divisible by 2 if

4. The H.C.F, of 37 and 11 is

TEST PAPER 5

5. Number which is neither prime nor composite is

6. H.C.F. must be a factor of

7. The product of H.C.F. and L.C.M. of two numbers

8. The H.C.F. of two or more numbers is

the numbers.

9. A factor of a number divides the number

10. The smallest odd prime number is

Fill in the blanks :

11. A number is divisible by 5 if the digit in unit's place is

12. Smallest Composite number is

13. is the factor of every 14. H.C.F. number. of two coprime numbers is

15. Smallest even number is

16. The product of two odd numbers is

numbers.

17. If two numbers have no common factor other than 1, they are call

18. Reduce the fractions to the lowest torms

20

2915

less than any

1445

... Or

Time Allowed: 20 Minutes

TEST PAPER 6)

1. Write first five multiples of 17.
2. Is 21063 divisible by 21 ? Calculate and show.
3. Which of the following are prime numbers ? Circle them

23, 51, 1729, 26, 81, 93, 57

4. From 1 to 100 write the numbers which have exactly three factors.
5. Express 96 as the sum of two odd prime numbers.
6. Test the divisibility of 10824 by 11.
7. List the prime factors of 50.
8. Find the least number which when divided by 12, 16, 24 and 36 leaves 7 as remainder.
9. What is the H.C.F, of any two consecutive numbers?
10. How many factors does a prime number have?
11. The H.C.F. of two numbers is 16. Their product is 6400. Find their L.C.M.
12. Find the common factors of 32 and 24.
13. Which is the only number that is neither prime nor composite?
14. What is the L.C.M. of two co-primne numbers?

21

NOTE: Solve all the questions in a separate thin copy.

Chart Nork: Prepare a creative chart on divisibility rules.

you'll have to submit your homework on the first day of school re-opening.
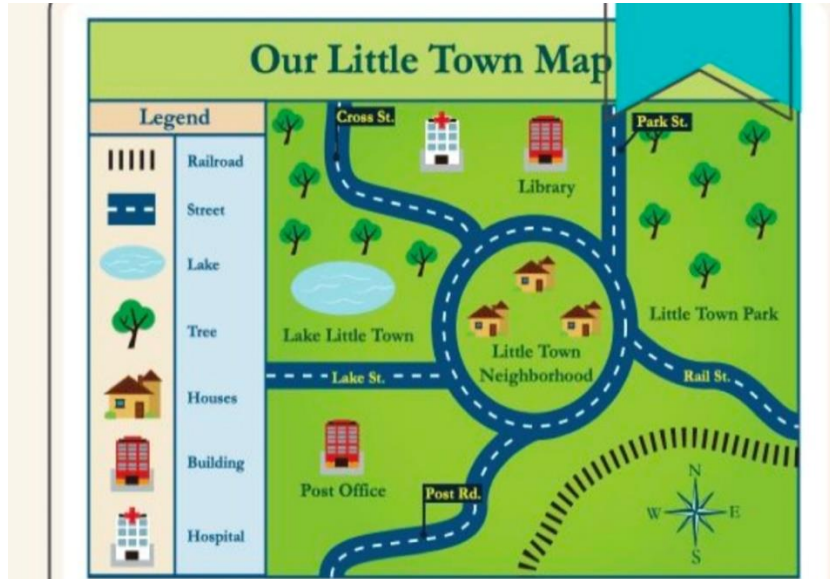
COMPUTER : HOLIDAY HOMEWORK

CLASS – 6

- USING WHITE SHEETS DRAW SKETCHES OF FIVE DIFFERENT INPUT DEVICES COMMONLY USED IN COMPUTING AND NAME THEM.

[NOTE : SUBMIT IT IN A STICK FILE.]

Geography Holiday Home Work Class- VI Session – 2024-25

Instruction for doing the Holiday Home Work- Do the H.W in an interleave copy.

1) Create a map of your local area and include man made features- such as: shops, religious places, important building and roads, etc.
2) Use four different colours to shade two states each located in four cardinal directions. Then name the states.
3)

Our Little Town Map

a) What is the title of the Map?
b) Which building is to the east of the hospital.
c) Which is to the west of Little Town Neighbourhood.

4. Calculate the R.F the statement scale is 5cm:20km.

5. Write the statement scale if R.F is 1:00000.

6. Write the difference between the large scale and small scale map and give two examples of each.

7. Give reason why maps are more useful than globes.

8. What is Plate Tectonics?

9. What are the three types of movements of the Earth's Crust?

10. Write a short note on Continental Drift Theory.

St. Xavier's School, Doranda
Holiday Homework
English

Class VI

Do this homework in the same, thin assignment copy which you made previously.

I. Informal Letter Writing

General instructions*: (write this in your copy)*

<u>Format</u>

(Sender's Address)

House number, name of Apartment

Name of Locality

Name of City

---*Leave a line---*

Date

---*Leave a line---*

(Receiver's Address)

House number, name of Apartment

Name of locality

Name of city

---*Leave a line---*

Salutation (Dear cousin, Dear mother, or Dear father)

BODY OF THE LETTER (in **three separate paragraphs**)

Yours lovingly,

First Name

<u>Sample letter</u>

<u>Write a letter to your cousin congratulating her on her winning the Inter-School Essay Competition.</u>

(Note it in your copy)

105, Atulya Complex
Hawai Nagar
Ranchi

6th May, 2024

301, Devanshi Bhawan
Lalpur
Ranchi-834 001

Dear Abhishek,

I hope this letter finds you in good health. I'm also well. I came to know about your performance in the Inter- School essay writing competition. *(Leave a line when you change the paragraph)*

I am very glad to know that you won the third prize. I knew that you are great at writing essays. Hearty congratulations to you on your victory! We are all very proud of you. Uncle told me that the topic was given on the topic. He also informed that there were participants from seven different schools. Yet you secured the third prize for your school. Uncle was so proud of you when he visited us. *(Leave a line when you change the paragraph)*

Please tell me how did you choose your topic and plan your essay. Also share how you felt about your victory; and how your teachers felt about it. I shall be waiting for your reply eagerly.

Your loving cousin

Rahul *(only write the first name)*

<u>Exercise</u>: Write a letter to your grandfather inviting him to your birthday party.

<u>II. Essay Writing</u>

General Instructions (*Write this in your copy)*

1. An essay should have three paragraphs.

2. the first paragraph should be your introduction. You can explain the key words in your topic. You can also begin by discussing the importance of your topic. You must introduce the topic.

3. you should elaborate the topic in detail in the second paragraph.

4. the final paragraph should be your conclusion. You should write the last few lines to end your essay.

Exercise 1: Write an essay in about 200 words on **any one** of the following topics:

a) A scene at the market place

b) A few hours spent at the railway station

Exercise 2: Write an essay on **any one** of the following topics in about 200 words:

a) A memorable family vacation

b) The best gift I ever received

III. Guided English Book 2 (for Class VI)

A. Chapter 1. "Holding up the sky'' from *Classical stories* by Freda Saxey

        Complete Exercises A, B and C.

B. Chapter 6. "Uncle Podger Hangs a Picture" from *Three Men in a Boat* by Jerome K. Jerome (simplified)

        Complete Exercises A, B, C and D.

IV. English Treasure

   A. Read chapter 2, **'The Window'**
   B. Read chapter 3, **'My Financial Career'**

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St Xaviers School, Doranda

Holiday Homework

Class – VI   History

1. Read the chapters
   i.   Indus Valley Civilization
   ii.   Egyptian Civilization
2. Watch documentaries based on these chapters.
3. Prepare Indus Valley Civilization for the 'Unit Test'.

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