



Hindi

Whiz Kids
हिंदी स्वर

दिनांक _____ कक्षा/गृह कार्य _____

अभ्यास : रिक्त स्थान में उचित स्वर लिखो-

अ			इ
		उ	
ऋ			
औ			अः

अ से अः तक लिखो-

64

शिक्षक प्रतिक्रिया

साधारण उत्तम अति उत्तम

शिक्षक के हस्ताक्षर

Scanned with CamScanner

Match the letters

T

f

V

d

U

b

C

v

E

t

D

u

B

c

F

l

L

e

What comes between

41 — 43

44 — 46

47 — 49

50 — 52

53 — 55

56 — 58

59 — 61



SKYWINGS INTERNATIONAL SCHOOL

Holiday Homework for COVID-19 Holidays (Assignment -4th)

Class : UKG

Hindi

तीन वर्षों के शब्द

नयन

वसक

साहज

सागर

शहद

वचन

गारम

'e' sound words

Den

Den

Den

Hen

Pen

Ten

Men

Wet

Set

Table - 3

$$3 \times 1 = 3$$

$$3 \times 1 = 3$$

$$3 \times 2 = 6$$

$$3 \times 3 = 9$$

$$3 \times 4 = 12$$

$$3 \times 5 = 15$$

$$3 \times 6 = 18$$

$$3 \times 7 = 21$$

$$3 \times 8 = 24$$

$$3 \times 9 = 27$$

$$3 \times 10 = 30$$



SKYWINGS INTERNATIONAL SCHOOL

Holiday Homework for COVID-19 Holidays (Assignment -4th)

Class 1st

English

English

Answer the following questions:

1) How many members in Ria's family?

Ans- Six members.

2) Who is polly?

Ans- Polly is a little cat.

3) What is the name of Ria's younger brother?

Ans- Ria's younger brother name is Raj.

4) What day does Ria's grandfather cook lunch?

Ans- Ria's grandfather cooks lunch every sunday.

English Grammar

Fill in the blanks with the correct naming words:

1) My ----- (father/cat) is wearing brown shoes.

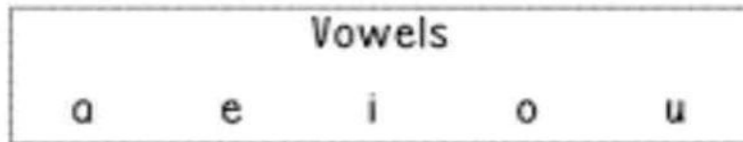
2) The ----- (tiger/ goat) is eating grass.

3) The cat is playing with a -----(ball/ window)

4) Father is reading a ----- (Tv/ book)

5) The ----- (duck / pigeon) is swimming in the lake.

Write in the correct vowel sound to complete each word.



1) _ pple



5) b _ nch



2) s _ t



6) v _ n



3) d _ g



7) b _ s



4) r _ d



8) p _ g



Hindi

उ और ऊ की मात्रा वाले 10-10 शब्द लललिए। Hindi(Gr)-प्र.१. मात्रा लकसे कहते हैं? उत्तर. स्वर और व्यंजनों को


आपस में जोड़ने के ललए जो लिन्ह प्रयोग लकए जाते हैं,वे मात्रा कहलाते हैं। (Learn and write in rough notebook)

EVS
Word meaning- 1. Food- खाना 2. Live- रहना / जीना 3. Grow- बढ़ना 4. Plant- पौधा 5. Animal- जानवर
6. Work- काम 7. Energy- ताकत 8. Breakfast- सबु ह का नाश्ता 9. Lunch- दोपहर का भोजन 10. Dinner- रात का खाना
(Learn and write in rough Notebook)

Math

◆ **Smallest to biggest**

The number of pencils are arranged from smallest to biggest.




5 15 20

EXERCISE 4

1. Write these numbers from smallest to biggest.

		smallest		biggest
a)	8, 10, 9	8	9	10
b)	11, 5, 15	5		15
c)	15, 14, 13			
d)	15, 10, 20			
e)	17, 18, 7			
f)	6, 19, 16			
g)	4, 12, 3			
h)	20, 0, 10			

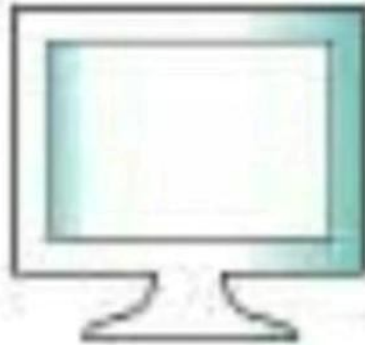


11

Computer

Q.1. Write the name of the following parts and its color.









G.K.

Q/A(Learn and write in rough copy)

- 1) Which is the tallest animal on the earth?
Ans- Giraffe
- 2) When do we celebrate Gandhi Jayanti?
Ans - 2nd october.
- 3) When do we celebrate Independence day?
Ans- 15th August.
- 4)When do we celebrate Republic day?
Ans- 26th january.
- 5) Who is the current prime minister of India?
Ans- Mr. Narendra Modi.



SKYWINGS INTERNATIONAL SCHOOL

Holiday Homework for COVID-19 Holidays (Assignment -4th)

Class2nd

English	<p>(Chapter- 1) Word meaning:(Learn and write) 1) Crawl- घिसटना 2) Tired- थका हुआ 3) Blanket- कंबल 4) Thick - मोटा 5)Slowly- धीरे से 6) Soft- कोमल 7) Wing- पंख 8) Fly - उड़ना 9) Grapevine- अंगरू की बेल 10)Crack- दरार पड़ना 11) Leaves- पत्ते English (Gr)Learn and write: Change into gender.One has been done for you. 1) Father- Mother 2) Uncle - 3) Boy- 4) Son- 5) Grandfather- 6) Cow- 7) Prince- 8) Tiger</p>															
	<div data-bbox="337 617 1182 722"><h3>Nouns</h3><p>A noun names a person, place, or thing.</p></div> <div data-bbox="337 730 1182 821"><p>→ Directions: Write the nouns below into the correct column.</p></div> <div data-bbox="391 905 1068 940"><p>teacher pencil eraser school</p></div> <div data-bbox="321 982 1143 1018"><p>library doctor desk park girl</p></div> <table border="1" data-bbox="331 1100 1182 1556"><thead><tr><th>Person</th><th>Place</th><th>Thing</th></tr></thead><tbody><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></tbody></table>	Person	Place	Thing												
Person	Place	Thing														

Tens and Ones

Write tens and ones.

	Tens	Ones
86	8	6
78		
39		
76		
41		
29		
21		
51		
67		
86		

	Tens	Ones
98		
28		
86		
78		
39		
76		
41		
29		
21		
51		

Add and Carry Digits

Add the number and write the answers below each of them in the box.

T	O
5	5
+2	3

T	O
2	5
+2	3

T	O
4	7
+1	7

T	O
8	1
+1	9

T	O
7	5
+1	3

T	O
1	1
+0	2

T	O
5	9
+4	0

T	O
6	5
+2	7

T	O
1	2
+1	0

T	O
4	1
+2	0

T	O
8	1
+1	1

T	O
6	0
+2	0



1. Subtract

$$\begin{array}{r} \text{T O} \\ 3 \ 12 \\ 4 \ 2 \\ - 1 \ 8 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T O} \\ 5 \ 13 \\ 6 \ 3 \\ - 2 \ 7 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T O} \\ 6 \ 15 \\ 7 \ 5 \\ - 3 \ 9 \\ \hline \end{array}$$

$$\begin{array}{r} \text{T O} \\ 3 \ 17 \\ 4 \ 7 \\ - 1 \ 8 \\ \hline \end{array}$$

$$\begin{array}{r} \text{e) } 5 \ 3 \\ - 2 \ 7 \\ \hline \end{array}$$

$$\begin{array}{r} \text{f) } 9 \ 0 \\ - 3 \ 8 \\ \hline \end{array}$$

$$\begin{array}{r} \text{g) } 6 \ 2 \\ - 4 \ 9 \\ \hline \end{array}$$

$$\begin{array}{r} \text{h) } 5 \ 2 \\ - 3 \ 8 \\ \hline \end{array}$$

$$\begin{array}{r} \text{i) } 6 \ 3 \\ - 3 \ 6 \\ \hline \end{array}$$

$$\begin{array}{r} \text{j) } 9 \ 3 \\ - 4 \ 7 \\ \hline \end{array}$$

$$\begin{array}{r} \text{k) } 8 \ 0 \\ - 3 \ 9 \\ \hline \end{array}$$

$$\begin{array}{r} \text{l) } 6 \ 7 \\ - 4 \ 8 \\ \hline \end{array}$$

◆ Applying subtraction (story sums)

1. Tick (✓) the right answer:

- (a) Members of a _____ resemble each other.
 (i) family (ii) nation (iii) society (iv) class
- (b) The family with only one parent is called _____.
 (i) nuclear family (ii) joint family (iii) adoptive family (iv) single parent family
- (c) Nuclear family is a _____ family.
 (i) large (ii) small (iii) bad (iv) very large
- (d) Parents of our parents are our _____.
 (i) grandparents (ii) cousins (iii) aunts (iv) uncles

2. Match the following:

- | | |
|--|----------------------|
| (a) Children of aunts and uncles | Joint family |
| (b) Family having grandparents, parents and children | Nuclear family |
| (c) Only one parent in family | Cousins |
| (d) Family having mother, father and children | Grandparents |
| (e) They tell children stories at night | Single parent family |

3. State true (T) or false (F):

- (a) My classmates are my friends.
- (b) We should not spend time with our grandparents.
- (c) We should take care of all our family members.
- (d) Children can help by doing small jobs like tidying their room, walking the dog, etc.

4. Guess who I am:

- (a) I gave birth to you. I am your _____.
- (b) I am your father's father. I am your _____.
- (c) I am your mother's sister. I am your _____.
- (d) I am the son of your father's brother. I am your _____.
- (e) I am your father's mother. I am your _____.

Computer

(Learn and write in rough copy)
 Fill in the blanks with the help of words given below:
 (104, four, two, data, electricity)

- 1) A mouse has----- button.
- 2) There are ----- main parts of computer.
- 3) The standard keyboard has ----- keys.
- 4) We can enter ----- into the computer.
- 5) A coputer works on -----.



SKYWINGS INTERNATIONAL SCHOOL

Holiday Homework for COVID-19 Holidays (Assignment -4th)

Class 3rd

Scienc e	<p style="text-align: center;"><u>Chapter No 03 : Food of Animals</u></p> <p>Q.(A) Answer the following questions.</p> <p>(1) How do plants and animals depend on each other ?</p> <p>(2) How do 'chewing the cud' and 'gnawing' different from each other ?</p> <p>(3) What kind of teeth do carnivores have ?</p> <p>(4) Write the difference between eating habits of a frog and a mosquito.</p>
Englis h	<p style="text-align: center;"><u>Chapter No 01 : Simon Says</u></p> <p>(1) Who was Simon ?</p> <p>(2) Why did Simon lead Grandpa in the path of the car ?</p> <p>(3) Did Grandpa like being in the hospital ?</p> <p>(4) When Grandpa came home from the hospital, what did Simon do ?</p> <p>(5) Why did Grandpa Start walking again ?</p>
S.St	<p style="text-align: center;"><u>Chapter No 01 : Landforms of the Earth</u></p> <p>(1) Why is the Earth a unique planet ?</p> <p>(2) What covers most of the Earth's surface ?</p> <p>(3) How many continents are there on the Earth ?</p> <p>(4) Name the five oceans.</p> <p>(5) What is a plateau ?</p>
Math	<p>EXERCISE 2</p> <p>1. Fill in the place values.</p> <p>a) $\begin{matrix} 6 & 3 & 4 & 8 \\ \uparrow & \uparrow & \uparrow & \uparrow \\ \text{ } & \text{ } & \text{ } & \text{ } \end{matrix}$</p> <p style="margin-left: 150px;"> </p> <p>b) $\begin{matrix} 1 & 7 & 8 & 3 \\ \uparrow & \uparrow & \uparrow & \uparrow \\ \text{ } & \text{ } & \text{ } & \text{ } \end{matrix}$</p> <p style="margin-left: 150px;"> </p> <p>c) $\begin{matrix} 5 & 4 & 2 & 6 \\ \uparrow & \uparrow & \uparrow & \uparrow \\ \text{ } & \text{ } & \text{ } & \text{ } \end{matrix}$</p> <p style="margin-left: 150px;"> </p> <p>d) $\begin{matrix} 3 & 6 & 0 & 4 \\ \uparrow & \uparrow & \uparrow & \uparrow \\ \text{ } & \text{ } & \text{ } & \text{ } \end{matrix}$</p> <p style="margin-left: 150px;"> </p> <p>2. Write the numeral.</p> <p>a) $\begin{matrix} \text{ } & \text{ } & \text{ } & \text{ } \\ \uparrow & \uparrow & \uparrow & \uparrow \\ \text{ } & \text{ } & \text{ } & \text{ } \end{matrix}$</p> <p style="margin-left: 150px;"> </p> <p>b) $\begin{matrix} \text{ } & \text{ } & \text{ } & \text{ } \\ \uparrow & \uparrow & \uparrow & \uparrow \\ \text{ } & \text{ } & \text{ } & \text{ } \end{matrix}$</p> <p style="margin-left: 150px;"> </p> <p>c) $\begin{matrix} \text{ } & \text{ } & \text{ } & \text{ } \\ \uparrow & \uparrow & \uparrow & \uparrow \\ \text{ } & \text{ } & \text{ } & \text{ } \end{matrix}$</p> <p style="margin-left: 150px;"> </p> <p>d) $\begin{matrix} \text{ } & \text{ } & \text{ } & \text{ } \\ \uparrow & \uparrow & \uparrow & \uparrow \\ \text{ } & \text{ } & \text{ } & \text{ } \end{matrix}$</p> <p style="margin-left: 150px;"> </p>

3. Write the place and place value of the digit in colour.

Number	Place	Place value	Number	Place	Place value
a) 2436	tens	<input type="text"/>	b) 3107	<input type="text"/>	<input type="text"/>
c) 7198	<input type="text"/>	<input type="text"/>	d) 6497	<input type="text"/>	<input type="text"/>
e) 5010	<input type="text"/>	<input type="text"/>	f) 5010	<input type="text"/>	<input type="text"/>

◆ Expanded form

The expanded form of 7534 is:

$$\begin{aligned} 7534 &= 7 \text{ thousands} + 5 \text{ hundreds} + 3 \text{ tens} + 4 \text{ ones} && \text{(in words)} \\ &= 7000 + 500 + 30 + 4 && \text{(in figures)} \end{aligned}$$

EXERCISE 3

1. Write the expanded form in figures.

- a) $3684 = \underline{3000} + \underline{600} + \underline{80} + \underline{4}$
b) $5079 = \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad}$
c) $8173 = \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad}$
d) $4682 = \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad}$
e) $9590 = \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad}$

The place value of the digit 0 in a number is always zero. So we always write '0' whatever may be its position in a number.



2. Write the number.

- a) $7000 + 400 + 50 + 9 = \underline{\quad}$
b) $6000 + 0 + 30 + 1 = \underline{\quad}$
c) $1000 + 700 + 10 = \underline{\quad}$

◆ Comparing numbers

The junior school library has 5430 books. The senior school library has 4988 books. Which library has more books?

To answer this question you have to find which number is greater—5430 or 4988.

Comparing numbers with different number of digits

The number with more digits is always greater.

Examples: $2125 > 949$ $3456 > 99$ $3878 > 8$

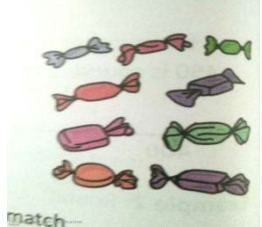




SKYWINGS INTERNATIONAL SCHOOL

Holiday Homework for COVID-19 Holidays (Assignment – 4th)

Class-4th

Science	<p style="text-align: center;"><u>Chapter No : 02 : Digestion and the Role of Microbes</u></p> <p>Q.(A) Define the following terms 1. Milk teeth 2. Premolars 3. Gums</p> <p>Q.(B) Answer the following questions in short. (1) Name the two sets of teeth that human being grow in their lifetime. (2) What causes tooth decay ? (3) Which organs make up the human digestive system ?</p>
English Ferry	<p style="text-align: center;"><u>Chapter No 02: Good Neighbours</u></p> <p>Q.(A) Why was Jack not cordial to Naoko at first ? Give reasons four your answer. (1) Why was Jack not cordial to Naoko at first ? Give reasons for your answer. (2) When do you think Naoko and Jack became friends ?</p> <p>Q.(B) Value and Life skills Jack and Naoko work together and complete the snowman. Do you think it is good to work together to finish difficult tasks ? Give reasons.</p> <p style="text-align: center;">Note :- Do seven pages of handwriting practice of any essay or story.</p>
Math	<p style="text-align: center;"><u>Chapter No : 01 Large Numbers</u></p> <p>(1) Round to the nearest 10. (a) 32 (b) 67 (c) 452 (d) 85 (e) 114 (f) 966 (g) 2456 (h) 23,450 (2) Round to the nearest 100. (a) 754 (b) 8638 (c) 9772 (d) 49 (e) 150 (f) 45813 (g) 27390 (h) 99 (3) Round the nearest 1000. (a) 4892 (b)67101 (c) 499 (d) 93,228 (e) 5499 (f) 2,69,859 (g) 5,77,645 (h) 999 (4) You want to take sweets for your class on your birthday. There are 46 children in your class. How many sweets will you take, rounded to the nearest 10 ? (5) Letha's class has 42 children. She rounds to the nearest 10 and takes 40 sweets to class on her birthday. Did she do the right think ? Why ? What should she have done ? (6) A newspapers reporter was told that 23,347 people watched a cricked match between india and Sri Lanka. In the newspaper, he gave the headline as: 23,000 each cricket match. How did the round off the number?</p> 
S.St	<p style="text-align: center;"><u>Chapter No : 02 Mountains and Plateau in India</u></p> <p>Q.(A) Make a maximum 2 lines short not on following topics. (1) Himadri (2) Malwa Plateau (c) Shivalik (d) Shimla (e) Hyderabad (f) Darjeeling (g) Ganga (h) Brahmaputra (i) Annapurna (j) Jammu and Kashmir (k) Maharashtra (l) Andhra Pradesh</p> <p>Q.(B) Think it Over ! (HOTS) Coal and iron found in the plateau region are used by industries. Can we continue to use these minerals forever ? What could happen if, in the future, we exhaust all the minerals found in the Earth.</p>



SKYWINGS INTERNATIONAL SCHOOL

Holiday Homework for COVID-19 Holidays (Assignment -4th)

Class- 5th

Science	<p align="center"><u>Chapter No 01: Animal Habitats and Adaptations</u></p> <p>Q.(A) Define the following terms. (1) Adaptation (2) Migration (3) Camouflage (4) Spiracles</p> <p>Q.(B) Answer the following questions in short. (1) Name the different types of habitats. (2) How does a camel survive in desert ? (3) What adaptations do polar bears have to live in the polar regions ?</p>
English Ferry	<p align="center"><u>Chapter No : 01 Why Evergreen Trees Never Lose Their Leaves</u></p> <p>Speaking :- Imagine you are Frost King. The trees in the forest have come to you to complain the North Wind has taken away all their leaves. Explain why you gave North Wind permission to do so. Give reasons for your decision. Use this word web to help you think about your reasons. One has been done for you.</p> <div data-bbox="277 720 1495 1094" data-label="Diagram"> </div> <p>Writing :- Imagine you are the little bird in the story. Write a letter to the spruce, birch and Juniper trees thanking them for their kindness.</p>
Math	<p align="center"><u>Chapter No 01 : Large Numbers</u></p> <p>(1) Round to the nearest 10. (a) 263 (b) 8745 (c) 24,666 (d) 12,007 (e) 83,550</p> <p>(2) Round to the nearest 100. (a) 687 (b) 3863 (c) 24,550 (d) 49,005 (e) 99</p> <p>(3) Round to the nearest 1000. (a) 6592 (b) 999 (c) 26,438 (d) 9999 (e) 88,645</p> <p>(4) 48,563 people saw the cricket match between India and Sri Lanka. Round the number to the nearest 100 for a newspaper headline.</p> <p>(5) The head of a bank gets a salary of Rs. 2,34,741 per month. Round the salary to the nearest 1000.</p> <div data-bbox="987 1283 1349 1507" data-label="Image"> </div>
S.St	<p align="center"><u>Chapter No 02 : Latitudes and Longitudes</u></p> <p>Q.(A) Answer the following questions. (1) How can we locate a place on the Earth ? (2) Mention one similarity and one difference between a latitude and a longitude. (3) Name the four hemispheres into which the Earth can be divided. (4) What is the international Date Line ? (5) What is a grid ?</p> <div data-bbox="1243 1656 1458 1839" data-label="Image"> </div>



SKYWINGS INTERNATIONAL SCHOOL

Holiday Homework for COVID-19 Holidays (Assignment -4th)

Class- 6th

English Ferry	<p style="text-align: center;"><u>Chapter No 02 : The Cherry Tree</u></p> <p>Q.(A) Read these sentences and answer the questions that follow.</p> <p>(1) 'Hey, not there!' (a) Who said these words ? (b) Why did the speaker say, 'not there' ? (c) Did the listener go somewhere else? If so, where ?</p> <p>(2) 'What is so special about this tree? Why do we like it so much? ' (a) Who said this ? (b) Why did they like the tree so much ? (c) How did the speaker feel about himself after watching the tree grow ?</p> <p>Q(B) Answer the following questions.</p> <p>(1) Grandfather says, Nothing is lucky if you put it away. If you want luck, you must put it to some use.' What, do you think, he means ? (2) Why did Rakesh only look at the cherry tree out of the corner of his eye ? (3) Do you think that Grandfather was as excited as Rakesh about the Cherry tree ? Give reasons for your answer.</p>
S.St (Footprints)	<p style="text-align: center;"><u>Chapter No 02 : The Earliest Societies</u></p> <p>Q.(A) Answer the following questions in one sentence.</p> <p>(1) Name some places in India where remains of people from Lower Palaeolithic period have been found. (2) What was the hand axe used for ? (3) List three ways in which early humans used fire. (4) Why is the phase of human life in Neolithic Age known as Neolithic Revolution ? (5) Give two examples of Neolithic tools. How were they different from the previous age ?</p> <p>Q.(B) Answer the following questions in brief.</p> <p>(1) Write a note on the Early Palaeolithic Age. (2) How and where was fire discovered ? (3) What is the importance of discovery of agriculture in history ?</p>
Science	<p style="text-align: center;">Chapter No 02: Components of food</p> <p>Q.(A) Answer in brief.</p> <p>(1) Deficiency of which vitamin causes scurvy ? (2) How many glasses of water should we drink ? (3) What is the result of over eating ? (4) Name a fat-rich food. (5) Which vitamin can be formed in our body by sunlight ?</p>
Math	<p style="text-align: center;">Chapter No 01 : Number System</p>

EXERCISE 1B

Fill in each of the following boxes with the correct symbol > or <:

1. 1003467 987965

2. 3572014 10235401

3. 3254790 3260152

4. 10357690 11243567

5. 27596381 7965412

6. 47893501 47894021

Arrange the following numbers in descending order:

7. 63521047, 7354206, 63514759, 7355014, 102345680

8. 5032786, 23794206, 5032790, 23756819, 987876

9. 190909, 1808088, 16060666, 16007777, 181888, 1808090

10. 199988, 1704382, 200175, 1702497, 201200, 1712040

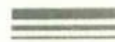
Arrange the following numbers in ascending order:

11. 9873426, 24615019, 990357, 9874012, 24620010

12. 56943201, 5694437, 56944000, 5695440, 56943300

13. 700087, 8014257, 8015032, 10012458, 8014306

14. 1020304, 893245, 980134, 1021403, 893425, 1020216



WORD PROBLEMS ON NUMBER OPERATIONS

ILLUSTRATIVE EXAMPLES

EXAMPLE 1. A businessman earned ₹ 3648970 in the year 2014. Next year, his earning increased by ₹ 956880. What was his earning in the year 2015?

Solution Earning of the man in the year 2014 = ₹ 3648970
Increase in earning during next year = ₹ 956880
Man's earning in the year 2015 = ₹ (3648970 + 956880) = ₹ 4605850.

	1	1	1	1	1		
	TL	L	T Th	Th	H	T	O
	3	6	4	8	9	7	0
+		9	5	6	8	8	0
	4	6	0	5	8	5	0

Hence, the man's earning in the year 2015 is ₹ 4605850.

EXAMPLE 2. A survey shows that the population of Andhra Pradesh is 98306965, the Karnataka is 89627598 and that of Kerala is 46308927. What is the population of these three states?

Solution

We have:

Population of Andhra Pradesh = 98306965.

Population of Karnataka = 89627598.

Population of Kerala = 46308927.

Total population of the three states = (98306965 + 89627598 + 46308927)

	2	2	1		2	2	1	2	
	TC	C	TL	L	T Th	Th	H	T	O
		9	8	3	0	6	9	6	5
+		8	9	6	2	7	5	9	8
+		4	6	3	0	8	9	2	7
	2	3	4	2	4	3	4	9	0

The total population of the three states is 234243490.

EXAMPLE 3.

The difference between two numbers is 9476583. If the smaller number is 6873547, find the greater number.

Solution

We have:

Difference between the two numbers = 9476583.

Smaller number = 6873547.

Hence, greater number = (9476583 + 6873547)

	1	1	1	1	1	1	1	
	C	TL	L	T Th	Th	H	T	O
		9	4	7	6	5	8	3
+		6	8	7	3	5	4	7
	1	6	3	5	0	1	3	0

Hence, the greater number is 16350130.

EXAMPLE 4.

The population of a city in the year 2014 was 14693675. In the following year, the population became 18002403. Find the increase in the population.

Solution

We have:

Population in the year 2015 = 18002403.

Population in the year 2014 = 14693675.

Increase in population = (18002403 - 14693675)

	C	TL	L	T Th	Th	H	T	O
	1	8	0	0	2	4	0	3
-	1	4	6	9	3	6	7	5
		3	3	0	8	7	2	8

Hence, the increase in population is 3308728.

EXAMPLE 5.

There was a stock of 17380245 quintals of wheat in a godown of the Food Corporation of India. Out of this stock, 2756744 quintals of wheat was sent to Haryana and 4863108 quintals to Punjab. How much is the balance stock now?

Solution

We have:

Total stock of wheat = 17380245 quintals.

Quantity of wheat sent to Haryana
= 2756744 quintals.

Quantity of wheat sent to Punjab
= 4863108 quintals.

Total quantity of wheat taken out of the godown
= (2756744 + 4863108) quintals
= 7619852 quintals.

	1	1					1	
	2	7	5	6	7	4	4	
+	4	8	6	3	1	0	8	
	7	6	1	9	8	5	2	
	1	7	3	8	0	2	4	5
-	7	6	1	9	8	5	2	
	9	7	6	0	3	9	3	

Balance stock of wheat in the godown = (17380245 - 7619852) quintals
= 9760393 quintals.

EXAMPLE 6. The cost of a steel almirah is ₹ 22875. What is the cost of 465 such almirahs?

Solution Cost of 1 almirah = ₹ 22875.
Cost of 465 almirahs = ₹ (22875 × 465)
= ₹ 10636875.
Hence, the cost of 465 almirahs is ₹ 10636875.

$$\begin{array}{r} 22875 \\ \times 465 \\ \hline 137250 \\ 1114375 \\ 915000 \\ \hline 10636875 \end{array}$$

EXAMPLE 7. 6895 screws can be packed in one carton. How many screws can be packed in 1685 such cartons?

Solution We have:
Number of screws in 1 carton
= 6895.
Number of screws in 1685 cartons
= (6895 × 1685)
= 11618075.

$$\begin{array}{r} 6895 \\ \times 1685 \\ \hline 34475 \\ 55160 \\ 41370 \\ 6895 \\ \hline 11618075 \end{array}$$

Hence, the number of screws in 1685 cartons is 11618075.

EXAMPLE 8. The mass of each gas cylinder is 16 kg 250 g. What is the total mass of 18 such cylinders?

Solution Mass of 1 cylinder = 16 kg 250 g.
Mass of 18 cylinders = (16 kg 250 g) × 18
= 292 kg 500 g.

$$\begin{array}{r} (+4) \\ \text{kg} \quad \text{g} \\ 16 \quad 250 \\ \times 18 \\ \hline 292 \quad 500 \end{array}$$

Hence, the total mass of 18 cylinders is 292 kg 500 g.

EXAMPLE 9. The piece of cloth required for a shirt is 2 m 85 cm. How much cloth will be required for 16 such shirts?

Solution We have:
Cloth required for 1 shirt = 2 m 85 cm.
Cloth required for 16 shirts = (2 m 85 cm) × 16
= 45 m 60 cm.

$$\begin{array}{r} (+13) \\ \text{m} \quad \text{cm} \\ 2 \quad 85 \\ \times 16 \\ \hline 45 \quad 60 \end{array}$$

Hence, the cloth required for 16 shirts = 45 m 60 cm.

EXAMPLE 10. The cost of 16 flats constructed by UP Awas and Vikas Parishad is ₹ 24809520. What is the cost of each flat?

Solution We have:
Total cost of 16 flats = ₹ 24809520.
Cost of each flat = (₹ 24809520) ÷ 16
= ₹ 1550595.
Hence, the cost of each flat is ₹ 1550595.

$$\begin{array}{r} 16) 24809520 \quad (1550595 \\ - 16 \\ \hline 88 \\ - 80 \\ \hline 80 \\ - 80 \\ \hline 95 \\ - 80 \\ \hline 152 \\ - 144 \\ \hline 80 \\ - 80 \\ \hline \times \end{array}$$

Number System

EXAMPLE 11. For making 16 shirts, 44 metres of cloth is needed. How much cloth is required for each shirt?

Solution We have:

$$\text{Cloth required for 16 shirts} = 44 \text{ m.}$$

$$\begin{aligned} \text{Cloth required for each shirt} &= (44 \text{ m}) \div 16 \\ &= 2 \text{ m } 75 \text{ cm.} \end{aligned}$$

Hence, the cloth required for each shirt

$$= 2 \text{ m } 75 \text{ cm.}$$

$$\begin{array}{r} 2 \text{ m} \\ 16 \overline{) 44 \text{ m}} \\ \underline{- 32} \\ 12 \text{ m} \\ \times 100 \end{array}$$

$$\begin{array}{r} 16 \overline{) 1200 \text{ cm}} \text{ (} 75 \text{ cm)} \\ \underline{- 112} \\ 80 \\ \underline{- 80} \\ \times \end{array}$$

EXAMPLE 12. A car covers 1002 km in 16 hours. At what speed per hour does the car move?

Solution Distance covered in 16 hours = 1002 km.

$$\begin{aligned} \text{Distance covered in 1 hour} &= (1002 \text{ km}) \div 16 \\ &= 62 \text{ km } 625 \text{ m.} \end{aligned}$$

Hence, the speed of the car is 62 km 625 m per hour.

$$\begin{array}{r} 16 \overline{) 1002 \text{ km}} \text{ (} 62 \text{ km)} \\ \underline{- 96} \\ 42 \\ \underline{- 32} \\ 10 \text{ km} \\ \times 1000 \end{array}$$

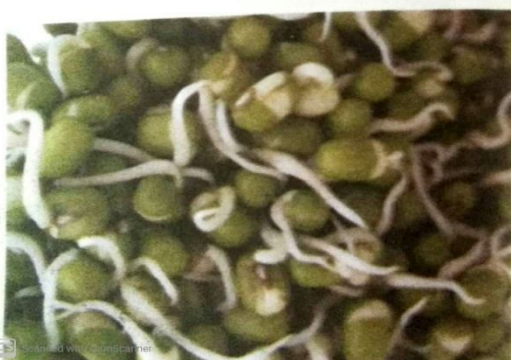

$$\begin{array}{r} 16 \overline{) 10000 \text{ m}} \text{ (} 625 \text{ m)} \\ \underline{- 96} \\ 40 \\ \underline{- 32} \\ 80 \\ \underline{- 80} \\ \times \end{array}$$



SKYWINGS INTERNATIONAL SCHOOL

Holiday Homework for COVID-19 Holidays (Assignment -5th)

Class 7th

English	<p style="text-align: center;"><u>Chapter No 02: After twenty years</u></p> <p>Q.(A) Answer the question in 80-100 words each. (1) How do you think 'Silky' Bob would have felt when he realized that he had spoken to Patrolman Wells without realising it ?</p> <p>Q.(B) Value and Life Skills Some friends put undue pressure on us to do inappropriate things. Imagine you have one such friend. Discuss with your elbow partner how you will withstand pressure from such a friend.</p>
S.St	<p style="text-align: center;"><u>Chapter No 02 : New kings and Kingdom</u></p> <p>Q.(A) Answer the following in one sentence. (1) Name two Pala rulers who controlled that Ganga Plain. (2) Which inscription describes the functions of local self-government during the Chola period ? (3) Who was the founder of the Chola empire ? Where was their capital ? (4) Which officer addressed the issue of law and order during the 7th century ? (5) What is the meaning of 'Gangaikondachola'? Who adopted this title ?</p>
Science	<p style="text-align: center;"><u>Chapter No : 01 : Nutrition in Plant</u></p> <p>Q.(A) Answer in detail. (1) Write the importance of photosynthesis. Q.(B) Visit a greenhouse or a nursery near your neighbourhood area. Observe how the caretakers or gardeners raise plants. Find out how they regulate the amount of light, water and carbon dioxide to grow the plants properly. Q.(C) Find out and write a project on following topics: (i) Why some plants are heterotrophic ? (ii) In which season and places fungi grow mostly ? (1) You can grow fungi at your home. Take a piece of bread water and a box. Moisten the bread with water and keep it in the closed box for a few days. You will see the whitish-green patches on the bread. These particles are due to fungal growth. (2) Collect the leaves of various colour as shown below. Conduct the starch test on them as done in activity given in chapter. Observe carefully that which of these show bluish-black colour on iodine test and which do not. Discuss your observations with your teacher.</p> <div style="display: flex; justify-content: space-around;"></div> <p>Science Club (1) Form a group of 4-5 friends. Discuss about photosynthesis process in plants and conditions necessary for it. (2) Bring mung dal sprouts in the class and observe the tiny plants growing out of each sprout. Talk about the conditions your provided during making the sprouts grow. You can also make a delicious chat using these sprouts.</p>
Math	<i>Solve the Exercise 1B</i>



SKYWINGS INTERNATIONAL SCHOOL

Holiday Homework for COVID-19 Holidays (Assignment -5th)

Class – 8th

S.St	<p style="text-align: center;"><u>Chapter No :02 : From Trade to Territory</u></p> <p>Think Like a Historian Cause and Effect : What were the reasons for the defeat on Indian rulers and princes in the hands of the British ? How did this affect the socio-political milieu of the Indian subcontinent? Change and Continuity : Which administrative practices introduced by the British are still prevalent ? How have they changed to suit the needs of post-colonial India? Map Skills :</p> <ul style="list-style-type: none">• On an outline map of India, locate the region where the three Carnatic war were fought between the British and the French forces.• On an outline map of the world, locate the major trading settlements under the French, Dutch, Portuguese and British. <p>Group Activity : Collect some legends of Tipu Sultan, Mir Qasim and Ranjit Singh. Discuss these in your class and find out what led to the downfall of these rulers. Writing Skills :</p> <ul style="list-style-type: none">• Imagine that you are a soldier in the Army of Siraj-ud-Daulah and that your are loyal to him. You witness the defeat at Plassey. Write a letter to your wife describing your emotions at the end of the day.• Imagine that you are a lawyer and you have to defend Robert Clive in his trial. Make a list of Clive’s achievements and write down arguments in his defence.
English	<p style="text-align: center;"><u>Chapter No 01: Little Neno and my secret Bird.</u></p> <p>Q.(A) Answer these questions within 20 words each. (1) What does the poet mean by the ‘sands of time’ ? (2) Where would the birds chirp from ? (3) What does the poet ask us to plant ?</p> <p>Q.(B) Answer these questions in 30-40 words each. (1) Name two things that the poet fears. (2) What has happened to the crystal clear waters of the ocean ? (3) What action should we take up now ?</p>
Science	<p style="text-align: center;"><u>Chapter No 01 : Crop Production and Management</u></p> <p>(1) Find out about Kisan Credit Card Scheme. It aims at providing need based and timely support to the farmers for their cultivation needs as well as for raising domestic animals. Find out the details about it and make a project on it. (2) Nowadays, many cases are in highlight where the farming land is being used by builder to make multi storey buildings. flats and malls. Find out about these cases and its effect on farmers and agriculture production of country. (3) Find out about the Father of Green Revolution of India. He was awarded the First World Food Prize in October 1987. Write his brief biography. (4) Discuss on following topics with your friends in the class :</p> <ul style="list-style-type: none">(i) Advantages of manure over fertilizers.(ii) Traditional and modern irrigation systems.(iii) Merits and demerits of uses of pesticides and weedicides.(iv) Crop production improvement methods.
Math	Solve the Exercise 1C



SKYWINGS INTERNATIONAL SCHOOL

Holiday Homework for COVID-19 Holidays (Assignment -5th)

Class – 9th

English	<p style="text-align: center;">Chapter No 01 : The fun they had</p> <p>Q.(A) Answer each of these questions in a short paragraph (about 30 words).</p> <ol style="list-style-type: none">(1) Did Margie have regular days and hours for school ? If so, why ?(2) How does Tommy describe the old kind of school ?(3) How does he describe the old kind of teachers ? <p>Q.(B) Answer each of these questions in two or three paragraph (100-150 words)</p> <ol style="list-style-type: none">(1) What are the main features of the mechanical teachers and the schoolroom that Margie and Tommy have in the story ?(2) Why did Margie hat school ? Why did she think the old kind of school must have been fun ?(3) Do you agree with Margie that schools today are more fun than the school in the story ? Give reasons for your answer.
Science	<p style="text-align: center;">Chapter No 01 : Matter in our surrounding</p> <p>Q.(A) Write a short note on “Factors Affecting Evaporation”</p> <p>Q(B) How does evaporation cause cooling?</p> <p>Q(C) Why should we wear cotton clothes in summer ?</p> <p>Q.(D) Give the answer of the following questions</p> <ol style="list-style-type: none">(1) Why does a desert cooler cool better on a hot dry day ?(2) How does the water kept in an earthen pot (matka) become cool during summer ?(3) Why does out palm feel cold when we put some acetone or petrol or perfume on it ?(4) Why are we able to sip hot tea or milk faster from a saucer rather than a cup ?(5) What type of clothes should we wear in summer ?
S.St	<p style="text-align: center;">Chapter No 01 : Physical features of India</p> <p>Q.(A) Answer the following questions briefly.</p> <ol style="list-style-type: none">(1) What are tectonic plates ?(2) Which continents of today were part of the Gondwana land ?(3) What is the bhabar ?(4) Name the three major divisions of the Himalayas from north to south.(5) Which plateau lies between the Aravali and the Vindhyan ranges ?(6) Name the island group of India having coral origin.
Math	Solve the Exercise 1.4 and 1.5 with examples.



SKYWINGS INTERNATIONAL SCHOOL

Holiday Homework for COVID-19 Holidays (Assignment -5th)

Class – 10th

Science	<p style="text-align: center;"><u>Chapter No 01: Chemical Reactions and Equations</u></p> <ol style="list-style-type: none">(1) Write one equation each for decomposition reactions where energy is supplied in the form of heat, light or electricity.(2) What is the difference between displacement and double displacement reactions ? Write equations for these reactions.(3) In the refining of silver, the recovery of silver from silver nitrate solution involved displacement by copper metal. Write down the reaction involved.(4) What do you mean by a precipitation reaction ? Explain by giving examples.(5) Explain the following in terms of gain or loss oxygen with two examples each. (a) Oxidation (b) Reduction(6) A shiny brown coloured element 'X' on heating in air becomes black in colour. Name the element 'X' and the black coloured compound formed.(7) Why do we apply paint on iron articles ?(8) Oil and fat containing food items are flushed with nitrogen. Why ?(9) Explain the following terms with one example each. (a) Corrosion (b) Rancidity
S.St	<p style="text-align: center;"><u>Chapter No 02 : The Nationalist Movement in Indo-China</u></p> <p>Q.(A) Give the answer in detail of the following questions.</p> <ol style="list-style-type: none">(1) Why the French thought Colonies Necessary. <p>Q.(B) Write a detail note on following topics.</p> <ol style="list-style-type: none">(1)The Dilemma of Colonial Education.(2)Talking Modern.(3) Resistance in Schools
English	<p style="text-align: center;"><u>Chapter No 01: Nelson Mandela Long Walk to Freedom</u></p> <ol style="list-style-type: none">(1) Where did the ceremonies take place ? Can you name any public buildings in India that are made of sandstone ?(2) Can you say how 10 May is an 'autumn day' in South Africa ?



SKYWINGS INTERNATIONAL SCHOOL

Holiday Homework for COVID-19 Holidays (Assignment -5th)

Class – 12th

Physics	<p style="text-align: center;"><u>Chapter No 01: Electric Charges and Fields</u></p> <p>Q.A polythene piece rubbed with wool is found to have a negative charge of 3×10^{-7} C. (a) Estimate the number of electrons transferred (from which to which?) (b) Is there a transfer of mass from wool to polythene?</p> <p>Q.(B) Two insulated charged copper spheres A and B have their centres separated by a distance of 50 cm. What is the mutual force of electrostatic repulsion if the charge on each is 6.5×10^{-7} C? The radii of A and B are negligible compared to the distance of separation. (b) What is the force of repulsion if each sphere is charged double the above amount, and the distance between them is halved?</p> <p>Q.(C) Suppose the spheres A and B in Exercise 1.12 have identical sizes. A third sphere of the same size but uncharged is brought in contact with the first, then brought in contact with the second, and finally removed from both. What is the new force of repulsion between A and B?</p>
Math	Solve 40 questions of "Derivative"
Chemistry	<p style="text-align: center;"><u>Chapter No 01 : The Solid State</u></p> <p>1.8 How many lattice points are there in one unit cell of each of the following lattice? (i) Face-centred cubic (ii) Face-centred tetragonal (iii) Body-centred</p> <p>1.9 Explain (i) The basis of similarities and differences between metallic and ionic crystals. (ii) Ionic solids are hard and brittle.</p> <p>1.10 Calculate the efficiency of packing in case of a metal crystal for (i) simple cubic (ii) body-centred cubic (iii) face-centred cubic (with the assumptions that atoms are touching each other).</p>