



Class : 3 KEY ANSWERS TERM : I

Lesson 1. GEOMETRY

Page No. 3

Activity 1.1

All the four sides of the square are equal.

Page No. 4

The diagonals are equal in length.

Summarize your findings about a square:

- | | |
|--------------|----------------|
| 1. 4 sides | 4. 2 diagonals |
| 2. equal | 5. equal |
| 3. 4 corners | |

Page No. 5

Activity 1.2

- | | |
|------------|--------------|
| 1. 4 sides | 3. 4 corners |
| 2. equal | 4. same |

Activity 1.3

1. 3 sides and 3 corners

Page No. 6

Activity 1.4

- No sides and corners
- Zero diagonals

Page No. 8 and 9

Just for Practice 1.1

- 10
- 25
- a. circle
b. triangle

- square
- rectangle

- 5
- a. (i) triangle (ii) 3 sides
b. (i) circle (ii) no sides
- Students work
- Students work

Page No. 12

Recall:

- Cube – 6 sides, 12 edges and 8 corners.
- Cuboid – 6 sides, 12 edges and 8 corners.
- Cylinder – 3 sides, 2 edges and no corners.
- Cone – 2 sides, 1 edge and 1 corner.
- Sphere – 1 side, 1 edge and 0 vertices.

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Just for Practice 1.2

- a. cone b. sphere c. cylinder d. cone
- a. water bottle, pipe, drum
b. ball, pebbles, pin ball
c. dice, cube, gift box
- a. cube b. pencil box c. cone d. ball

Lesson 2. NUMBERS

Page No: 19 - 21

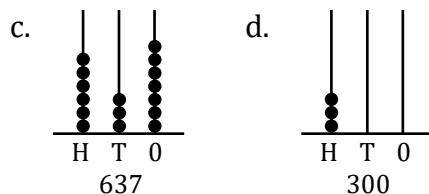
Just for Practice 2.1

- a.

●		
H	T	O
100		

b.

●	●●	●●●
H	T	O
123		



2.
 - a. 20 - Twenty
 - b. 14 - Twenty four.
 - c. 111- One hundred and one
 - d. 300 - Three hundred
 - e. 202 - Two hundred and two.
 - f. 320 - Three hundred and twenty.
3.
 - a. Six hundred and thirty one
 - b. Seven hundred and nine.
 - c. One hundred and ninety nine.
 - d. Eight hundred and seventy five.
 - e. Three hundred and forty six.
4. 623, 611, 631, 666, 654, 687, 600, 699, 654.

Page No. 25

Just for Practice 2.2

1.
 - a. $169 > 89$
 - b. $234 > 34$
 - c. $968 > 789$
 - d. $872 < 982$
 - e. $667 < 676$
 - f. $564 > 560$
 - g. $239 < 429$
 - h. $800 > 799$
 - i. $899 < 989$
2.
 - a. 236, 629, 926
 - b. 569, 659, 965
 - c. 205, 305, 502
 - d. 112, 121, 212
 - e. 513, 713, 813
 - f. 389, 489, 643, 983
3.
 - a. 629, 569, 126
 - b. 999, 626, 321
 - c. 711, 411, 111

- d. 822, 322, 222
- e. 333, 323, 313
- f. 988, 888, 842, 288

Page No. 25

Just for Practice 2.3

1.
 - a. 230, 232, 234, 236, 238, 240, 242, 244
 - b. 456, 459, 462, 465, 468, 471, 474, 477
 - c. 542, 547, 552, 557, 562, 567, 572, 576
 - d. 900, 910, 920, 930, 940, 950, 960, 970

Page No. 29

Just for Practice 2.4

1.
 - a. 320
 - b. 676
 - c. 302
 - d. 722
 - e. 122
 - f. 900
2.
 - a. 919
 - b. 555
 - c. 7121
 - d. 255
 - e. 789
 - f. 201

Page No. 32

Just for Practice 2.5

1.

Numbers	Hundreds	Tens	Ones
639	600	30	9
201	200	0	1
113	100	10	3
677	600	70	7
879	800	70	9
456	400	50	6
722	700	20	2
2.
 - a. 270
 - b. 372
 - c. 234
 - d. 248
 - e. 692
 - f. 698
 - g. 808
 - h. 344
 - i. 608
 - j. 102

3. a. The place value of 3 in 386 is three hundreds.
 b. The place value of 7 in 713 is seven hundreds.
 c. The place of 0 in 103 is zero tens.
 d. The place of 3 in 930 is three tens.
 e. The place of 6 in 623 is six hundreds.
 f. The place of 8 in 678 is eight ones.
4. a. 338
 b. 1, 3, 11, 21, 13, 31, 41, 33, 123, 321, 421, 423, 4213, 4123, 3241, 1423, 1243
 c. 998
 d. 800
 e. 100
 f. 230
 g. 666
 h. 999

Page No. 34

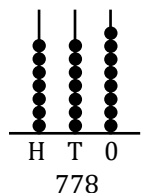
Just for Practice 2.6

1. a. 735 d. 879
 b. 707 e. 779
 c. 688 f. 969

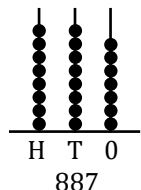
Page No. 35

Just for Practice 2.7

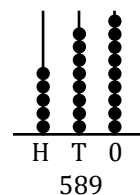
1. b. $334 + 444 = 778$



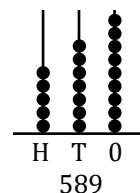
- c. $161 + 726 = 887$



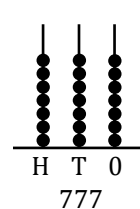
- d. $234 + 355 = 589$



- e. $456 + 123 = 579$



- f. $343 + 434 = 777$



Page No. 38

Just for Practice 2.8

1. a. 881 b. 997 c. 937 d. 862
 2. 354
 3. 900
 4. 763
 5. 420
 6. 212

Page No. 43

Just for Practice 2.9

1. 84
 2. 28
 3. 638.

Addition problem: In a saree shop, after selling 315 sarees there are 638 sarees now. How many sarees were there before?

4. Students work

5. a) 550 b) 168 c) 526

Just for Practice 2.10

1.

100	112
403	232

212
635
503 344
2.

101	101
202	303

202_{sum}
666_{sum}
303_{sum} 404_{sum}
3.

222	111
555	111

333
666
777 222
4.

123	321
234	123

444
357
357 444
5.

100	200
200	700

300
900
300 900
6.

100	511
500	121

611
621
600 632

Just for Practice 2.11

1. a. Estimation: $60 + 20 = 80$
Actual answer: $57 + 23 = 80$
- b. Estimation: $130 + 100 = 230$
Actual answer: $134 + 97 = 231$
- c. Estimation: $300 - 140 = 160$
Actual answer: $295 - 142 = 153$
- d. Estimation: $20 - 20 = 0$
Actual answer: $20 - 19 = 1$

Lesson 3. PATTERNS

Just for Practice 3.1

1. a.
- b.
- c.

2. a.

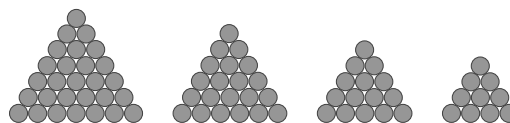
The pattern is shape and colour pattern
- b.

The Pattern is = Rotating
- c.

The Pattern is = Rotating

Just for Practice 3.2

1. Students work
- 2.

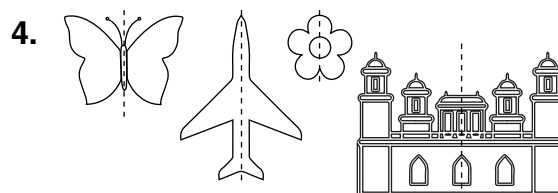


Just for Practice 3.3

1. Students work



3. Student work



5. Students work
6. Students work
7. Students work

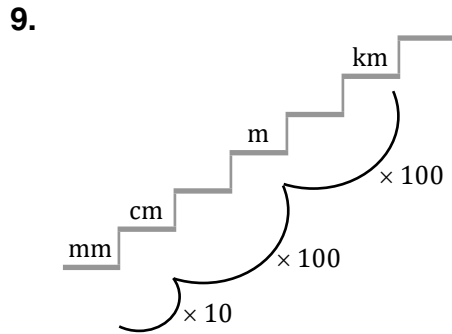
Lesson 4. MEASUREMENTS

Just for Practice 4.1

1. a. m b. m c. cm d. cm e. cm

3. Burj Khalifa: 829.8m
5. a. < b. > c. > d. >
6. Standard Units: centimetre, millimetre, meter
Non-standard units: cubit, pace, legspan, hand span.

8. a. = b. = c. < d. > e. =

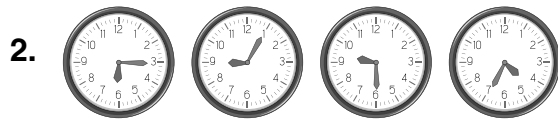


Lesson 5 TIME

Page No. 65 and 68

Just for Practice 5.1

1. 8:40; 40 minutes past 8 or 20 minutes to 9
10:10; 10 past 10
6:00; 6 o'clock
8:00; 8 o'clock.



3, 4, 5: Left to students.

Page No. 67 and 68

Just for Practice 5.2

2. January: 31 February: 28 or 29 March: 31
April: 30 May: 31 June: 30 July: 31
August: 31 September: 30 October: 31
November: 30 December: 31
3. a. 26 January – Sunday
b. March 8th – Sunday
c. May 1st – Friday
d. Environment day - June 5th – Friday
e. August 15 – Saturday
f. Teachers day - Sep 5th – Saturday
g. Oct 2nd – Friday
h. Nov 14th – Saturday
i. Dec 25th – Friday

4. a. Student work
b. 18/10/2020
c. 05/09/2020 - Saturday
d. Students work
5. August 15th, 2016
26/01/1947
02/10/1869
2nd October 2019
6. a. 30 Saturdays and 30 Sundays
b. Thursday c. Friday

Page No. 69 and 70

Just for Practice 5.3

1.

Date of manufacture	Expiry date
13/6/15	10/12/15
15/03/2015	14/03/2016
08/12/2015	07/12/2016

2. Medicine – 12 months
Jam- 1 year 8 months
Tea powder – 5 months
Maaza – 1 month

Chapter 6: INFORMATION PROCESSING

Page No. 74 and 75

Just for Practice 6.1

1. Students work
2. Students work
3. Ran , Rang, Range
Red, Read, Dream

Page No. 77 to 78

Just for Practice 6.2

Students work

Page No. 80

Just for Practice 6.3

1. a. 15 b. pigeon c. crow d. yes
2. a. 22 b. 29 c. 6



Class : 3 KEY ANSWERS TERM : I

Lesson 1 TAKING CARE OF MY BODY

Page No. 85

Let us think...

Child 1: Eats chunk food, so is obese

Child 2: Eats balanced diet and keeps good health.

Page No. 86

1. Keeping ourselves and surroundings clean
2. Avoid eating chunk food.

Page No. 88

Group Activity

2. Apply some soap
3. Scrub between fingers
4. scrub around your thumbs
5. Scrub your palms
6. Wash the hands with clean water

Page No. 89

Let us think...

The dirt and germs collected under our nails may get into our stomach

Page No. 97



Page No. 98 and 99

Let us solve...

A. Fill in the blanks.

- | | |
|-------------------|---------------------|
| 1. exercise, food | 5. eye exercise |
| 2. super food | 6. before and after |
| 3. cabbage | 7. physically |
| 4. water | 8. unsafe |

B. Match.

1. (c) immune system healthy
2. (e) la super food
3. (a) nutritional powerhouses
4. (b) fight against cancer-causing cells
5. (d) reduce blood pressure
6. (g) blow every morning when brushing out teeth
7. (h) healthy for our bodies
8. (f) when our parents hug us

C. Answer the following.

1. Drinking plenty of water, eating balanced diet, regular exercise, sleeping regularly
2. Ans:nuts contain fibre, fats, protein and vitamins.they help to reduce blood pressure. Beans are very rich in proteins and roughage.
3. Exercise helps us to reduce blood pressure. It keeps our body strong and healthy.it keeps us free from diseases.
4. Say no and get away from that person, tell someone you trust,screaming wil scare the stranger.
5. Eyes: wash eyes daily, do not rub or touch your eyes, always read in proper light.

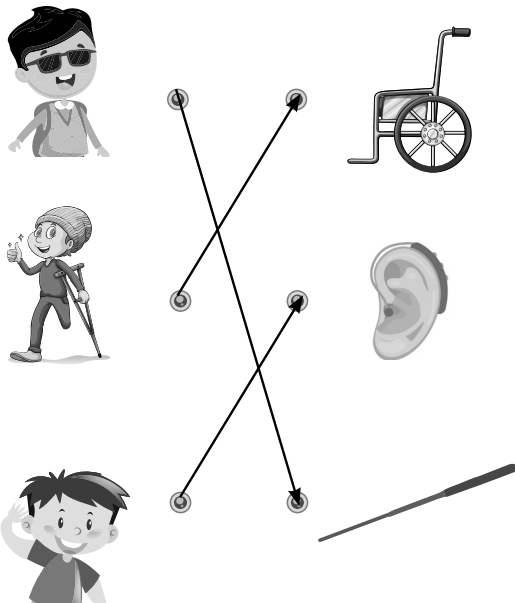


Skin: clean every part of the body while taking bath, use clean towel to dry the body, wear fresh and clean clothes.

Ears: do not clean ears with a sharp pointed object, cover ears if there is loud sound.

Page No. 101

Match the things differently abled people use.



Lesson 2 THE THREE STATES OF MATTER

Page No. 103

occupies, mass, three, solid, liquid, gas

liquid, solid

solid, gaseous

Describe one change each for heating and cooling:

1. Water on heating turns to vapour
2. Idli batter on heating becomes idly

Page No. 104

Irreversible permanent change

1. Cooking rice
2. Milk getting curdled

Page No. 105

Temporary reversible change

1. Ice turning to water

2. Folding a paper

Page No. 108 Let us experiment (2)...

100 milli litre (ml) air

Page No. 109

Let us discuss...

2. We add sugar to milk
3. Rasam is a mixture of tamarind water, spices and salt
4. Idly batter is a mixture of rice, dhal and salt
5. Vegetable pulao is a mixture of rice and vegetables
6. Fruit salad is a mixture of fruits and honey
7. Vegetable salad is a mixture of vegetables and salt pepper powder

Page No. 111

Let us solve...

B. Fill in the blanks.

1. melting
2. evaporation
3. weight and space
4. gas
5. liquid and gas

C. Answer the following.

1. When two or more substances are mixed together then it is called a mixture.
2. Temporary Change: temporary changes are called reversible change. Substances which change reversibly can return to its original form.

Permanent Change: Permanent changes are called irreversible change. substances which change irreversibly can not return to its original form.

3. Matter exists in three states. Matter can change from one state to another. This is called change of state.
4. Condensation is a process in which a gas changes into liquid.

Lesson 3 MATERIALS

Page No. 121

A. Match the following.

1. (d) bamboo tree
2. (c) petroleum
3. (b) silkworm
4. (e) flax plant
5. (a) sheep

B. List down five things that we use from the following materials.

Materials From Plants	Materials From Animal	Materials From Earth
Wood	Wool	gold
paper	leather	Glass
rubber	silk	diamond
linen	soap	copper
cotton	mufflers	iron

C. Write True or False.

1. False
2. False
3. False
4. True
5. True

D. Answer the following.

1. The three main sources of materials are plants, animals and earth.
2. Paper, rubber, cotton clothes are the things obtained from plants.
3. Gold, petroleum, clay, glass are the materials we get from earth.

Lesson 4 FORCE, LIGHT AND SOUND

Page No. 127

What sounds do the following animals make?

- Pigeons - Coo coo
- Dogs - Bow bow
- Cows - Ma Ma Ma

- Cats - Mew mew mew
- lion - Roar Roar
- Elephant - Trooo Trooo

Activity

1. L
2. S
3. L
4. L
5. S

Page No. 128 and 129

Let us solve...

A. Fill in the blanks.

1. move, force
2. muscular
3. frictional force
4. sun
5. loud

B. Match the following.

1. (d) fireflies
2. (e) stone falling to the ground
3. (c) working of machines
4. (a) cars honking
5. (f) rubber band
6. (b) push or a pull

C. Write the related force:

1. light
2. elastic force
3. sound
4. spring force

D. Answer the following.

1. A push or a pull makes an object move and that is called force.
2. Muscular force, spring force, elastic force, magnetic force.
3. • We use natural light from the sun
• Other lights we use bulbs, tube lights, candle and touch
4. • Communication sound – Eg: sirens, doorbells
• Loud sound – Eg: roar of lion, loudspeakers
• Soft sound – Eg: flute music, bird chirps

Lesson 5 KITCHEN SCIENCE

Page No. 133

Look at the pictures and number the process of idli making.

6, 1, 2, 3, 5, 4

Page No. 139 and 140

Let us solve...

A. Write the names of dishes.

1. Dhaal, Rice
2. Idly, Idiyappam
3. Nuts, Potato
4. Puri, Samosas
5. Bread, Cake

B. Write Then or Now.

1. then
2. now
3. then
4. then
5. now
6. now
7. then
8. now
9. now
10. then

C. Fill in the blanks.

1. Nutrients
2. Preservatives
3. Refrigerate
4. 100 degrees
5. Pressure

D. Answer the following.

1. We eat food to get energy to do work, grow and keeps us healthy.
2.
 - Steamed food can be digested very easily
 - Nutrients are retained while steaming
 - This is a very quick and easy way of cooking
3. Some food is preserve by removing all the water in them to prevent germs from growing this is called dehydration.

Jump start growing if food is left out so we used refrigerator at home to preserve food for few days.
4. The pressure cooker uses the science of boiling water to create pressure inside the container it lets out excess steam through the outlet giving a loud shrill sound the number of muscles tells us if our dish is cooked.
5. Boiling water helps us to cook Idli like rice, pulses and vegetables were also cooked with the help of boiling water.



Class : 3 KEY ANSWERS TERM : I

Lesson 1 MY FAMILY

Page No. 150

Let us think...

1. Things
2. Fold
3. Clearing
4. Kitchen

Page No. 152

Let us solve...

B. Critical Analysis

1. I think Rina should obey her mother by bringing her some water.
2. Raju can help his grandfather by searching for and finding his spectacles.
3. Rekha can give support to her grandmother by holding her hands and walking along with her.
4. Karan should respond his father immediately.

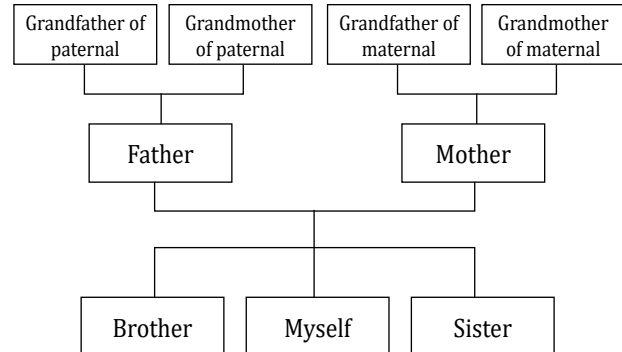
E. Answer the following.

1. The types of families are Small family or Nuclear family, Big family and Joint family.
2. a. I arrange my books and note books neatly, I take care of things carefully.
b. I help by my house and my place clean.
3. a. I can celebrate birthday and festivals with my family members.
b. I can spend some time with family while praying.
c. Play some traditional games with my family members.

Let us do...

A. Chess, Pallankuzhi, Dhaayam, Puzzle.

B.



If all of you in your class are living together, in what types of family would you be living?
Student choice

C. Student choice

Lesson 2 OUR NEIGHBOURHOOD

Page No. 157

Let us think...

1. Help each other and celebrate festivals together.
2. They take care of us till parents comes from office.
3. They share their happiness while going a picnic together.

Choose the correct answer.

1. Stamps
2. Market
3. School
4. Park
5. Pharmacy

Page No. 159

1. Yes
2. No
3. Yes
4. yes
5. Yes
6. No
7. Yes
8. Yes
9. yes



Page No. 160

Let us find out...

There are three important special days celebrated in our schools. You can list them and also mention why it is a Special day?

Student choice

Page No. 162

Let us solve...

A. Match the following.

- (d) We go there when we are sick
- (c) We learn good manners and habits
- (e) We go there to play
- (b) We deposit our money
- (a) They maintain law and order

B. Write True or False.

- | | | |
|----------|----------|---------|
| 1. True | 3. False | 5. True |
| 2. False | 4. False | |

C. Answer the following.

- The area around our house is called Neighborhood.
- The people who live in the neighborhood are called Neighbours.
- The places in the neighborhood are important to us because it provides services to people to make their life more comfortable.
- A post office helps people to send messages from one place to another. The post man brings our letters and parcels.
- People go to a park to take a walk, play, do exercises or just relax.
- Hospital have an ambulance to carry patients who are sick or got injured.
- Banks provide us safety vault to keep our valuables safely.
- Police take care of our safety, they find out stolen things.

Page No. 163

Let us do...

B. Think and answer

Student Relevant answer

C. Let us think.

- Gopal should throw the banana peel in the dust bin.
- Rahim should lower his music volume.
- Mohan activity was not right. He should have thrown it in the public dustbin.
- Khan has good habit of sharing what ever he has.
- Sara has a good quality of helping Mary's mother.
- They should make less noise while playing, they might disturb pets and elders.
- Jaya should reduce the TV volume to do not disturb others.
- The action of the children towards the watchman is good. Take Notes

Lesson 3 OUR HELPERS

Page No. 168

Let us think...

- Lawyer – Black and white
- Policeman – Khakki
- Fireman – Red

Page No. 169 and 170

Let us solve...

A. Who am I?

- Tailor
- Policeman
- Cobbler
- Farmer
- Milkman

B. Match the helpers with their tools.

S.No.	Column A	Column B
1.	plumber	
2.	barber	
3.	grocer	
4.	househelp	
5.	farmer	
6.	milkman	

C. Answer the following.

- We need helpers to make our life easy and comfortable.
- All those who help us to make our lives very comfortable are the community helpers.
- Tailor: A tailor help us to get our clothes stitched to protect our body from heat and cold season. Farmer: A Farmer grows food crops for us to eat and grow to get energy.
- Doctors, nurse, police men, community helpers and dispensary staff.

Page No. 171 and 172

A. Fill in the table. Student choice

B. Visit a market... Student choice

C. Talk time Student choice

D. Tick the correct statements.

- | | | |
|------------|------------|------------|
| 1. Correct | 4. Wrong | 7. Wrong |
| 2. Wrong | 5. Correct | 8. Correct |
| 3. Correct | 6. Correct | |

Lesson 4 PANCHAYAT

Page No. 178

Let us solve...

A. Write True or False.

- | | | |
|---------|----------|---------|
| 1. True | 2. False | 3. True |
|---------|----------|---------|

- | | | |
|----------|---------|---------|
| 4. False | 5. True | 6. True |
|----------|---------|---------|

B. Match the following.

- | | |
|--------------------------------|--------------------|
| 1. President | |
| 2. People who are 18 and above | |
| 3. 1993 | 5. Civic amenities |
| 4. Panchayat | |

C. Answer the following.

- Drinking water, Electricity, Roads, Schools and Hospitals are the various civic amenities people need in the village.
- To plan and execute village developmental programmes.
 - Verify income and expenditure of village funds.
 - plan to rectify the grievances of the people.
- To keep the village clean.
 - To provide clean and safe drinking water.
 - To build and maintain roads and street lights.
- Both the central and State governments give the money to panchayat for the development of village.
- Town panchayat are formed in places where 5000 to 30,000 people are living.

Let us do...

A. Find out:

- The various taxes collected by the panchayat. House tax and water tax.
- Mahatma Gandhi ji
- Atari Devi – Sarpanch at Odisha – introduced PDS to village
 - Behan – “at Gujarat – all women panchayat board.
 - Chalabi Rajawat - “at Rajasthan - quitedher high paying corporate job ro serve her village.
 - Sushma Bhadu – “ Harayana – improvement of education. V. Tasha Devi – “ Rajasthan – RTE for girls.

B. Read the following and answer the question given

1. The chola administration introduced kudavolai system.
2. They wrote the names of the candidates on palm leaf.
3. A small boy was asked to pick the leaf from the pot.
4. The name which was selected from the pot were declared as elected.
5. They shuffled the pot from proper mixing and rearranging.

Life skills...

- | | |
|-------------------|-------------|
| 1. Drinking water | 4. School |
| 2. Electricity | 5. Hospital |
| 3. Good road | |

Find out to whom you should make a complaint about it.

Panchayat president

Lesson 5 KEEPING SAFE

Page No. 180

Let us start...

- | | | |
|----------|------------|--------------|
| 1. Bus | 5. van | 9. ambulance |
| 2. cycle | 6. bike | 10. car |
| 3. auto | 7. scooter | |
| 4. truck | 8. lorry | |

Answer Yes or No!

- | | | |
|--------|--------|--------|
| 1. Yes | 3. Yes | 5. Yes |
| 2. Yes | 4. Yes | 6. Yes |

Page No. 184

Now answer these questions say Right or Wrong.

- | | | |
|----------|----------|----------|
| 1. Right | 2. Right | 3. Wrong |
|----------|----------|----------|

Page No. 184

Let us think...

Why should we not sound the horn in a hospital area?

Because the patient who are being admitted to the hospital could not be disturbed or affected by the noise.

Page No. 191 and 192

Let us solve...

A. Here are a few traffic symbols that you would have seen while travelling. Write the meanings for each of these symbols with the help of your teachers or parents.

1. No left turn
2. No Horn – Hospital zone
3. U-Turn – take U-Turn
4. Rail crossing – train crossing area

B. Choose the correct answers.

- | | |
|------------------|----------------|
| 1. carelessness | 4. cold water |
| 2. clean and dry | 5. emergencies |
| 3. from a queue | |

C. Write True or False.

- | | | |
|---------|----------|----------|
| 1. True | 3. False | 5. False |
| 2. True | 4. True | 6. True |

D. Answer the following.

1. a. Stand on the pavement or the side of the road.
b. Make sure that the road is clear.
c. Have a look on both sides, right and left then cross the road.
2. a. Follow a queue.
b. Never put your hands or heads out of the window.
c. Do not shout or disturb the driver.
d. Do not try to get in or out of a moving bus.
3. a. stop
b. cross the road
c. indicates that level crossing a head
d. get ready or wait
4. Remove the stinger if it is present in bitten area. Apply cold cream or keep ice pack over the affected area.
5. Wash my hands properly. Maintain social distance. Use face mask whenever I go out. Never touch mouth, nose or eyes with unclean hands.

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Student choice