



INDIA INTERNATIONAL PUBLIC SCHOOL

SESSION : 2023- 24



**CLASS-VII**

**CLASS:- VII**

**SUBJECT: ENGLISH**

**Q.1**

**Imagine yourself as a Radio Jockey and record a Talk Show with your Grand Parents sharing their childhood memories with you and share with your English Educator on his personal whatsapp window.**

**Q.2**

**Prepare a brochure on 5 traditional cuisines of Bihar.  
Colour of brochure - Pink. Only blue sketch pen to be used.**

**Q.3**

**Read the tenses and write 10 examples of each in your Notebook.**

**Q.4** *'About one-fifth of the food served at weddings and social gatherings is discarded. The prodigious waste that follows has horrified many in a country where food prices are skyrocketing and tens of millions of young children are malnourished'.*

**Diary Entry:** Last week you attended a lavish Indian wedding. You were upset to see the amount of food wasted by people. Write a page in your diary expressing your concern about the immense wastage of food that could have been used to feed the poor and the needy.

Click a few pictures or take the print outs of wasted food from internet and paste the pictures with your diary entry. Discuss a few ways to avoid the wastage of food.

Important instructions: Children will make diary entries on an A4 size sheet. The diary entry should be thought provoking.



## SUBJECT: HINDI

1. प्रकृति का संतुलन बनाएँ रखने में पक्षियों का बहुत बड़ा योगदान है' इन पक्षियों के बचाव के लिए हमारी भावी पीढ़ी का क्या योगदान होना चाहिए?



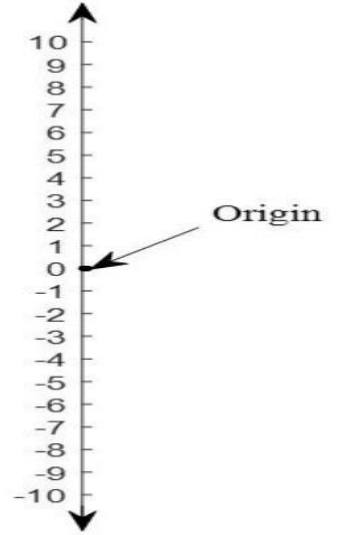
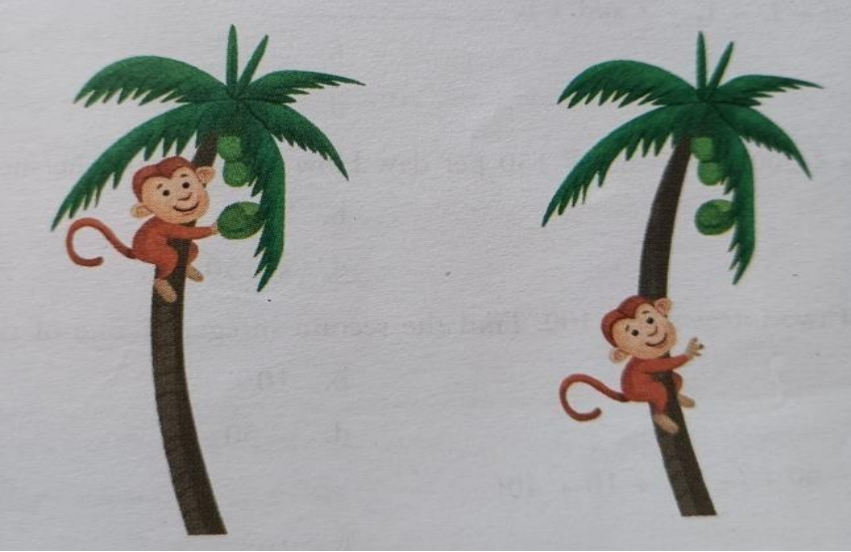
2. ग्रीष्म अवकाश में निम्नलिखित कार्य करते हुए अपनी छवि (picture) लीजिए व उनके चित्रों का कोलाज बनाते हुए अपने अनुभवों का वर्णन कीजिए।
- पौधों को पानी इत्यादि देते हुए।
  - पक्षियों को दाना पानी डालते हुए।
  - बड़े बुजुर्गों की सेवा कर आशीर्वाद लेते हुए।
  - पर्यटन स्थल पर भ्रमण करते हुए।

## SUBJECT: MATHS

### 1. Monkey on a Tree – Problem Solving

A monkey climbs a coconut tree that has a height of 12 feet.

- (a) It jumps 3 feet up in one move and slips back 2 feet down in the next move. In how many jumps will it reach the top of the tree?
- (b) After eating a coconut, it jumps back 4 feet in every move, then how far is it from the ground after the second jump.



Solve this question pictorially using number line. Is there any other way to solve this question? If yes, write that also.

**2. Solve it out – Puzzle**

Fill in the blanks.

**3. Add the decimals – Magic Square**

Make a magic square 3 x 3 using decimals: 0.01, 0.02, 0.03, 0.04, 0.05, 0.06, 0.07, 0.09 so that each line adds upto 0.15


**Revise all the chapters done in the class in the separate notebook.**

HOLIDAY HOMEWORK

SUMMER VACATIONS SESSION :- 2023-24

CLASS :- 7<sup>th</sup>

Q1. Define the following with suitable examples

(i). Integers

(ii). Whole numbers

(iii). Natural numbers (iv). commutativity under addition

(v). Associativity under multiplication

Q2.

Evaluate

(i).  $(-7) + (-23)$

(ii).  $(-32) + 47$

(iii).  $53 + (-26)$

(iv).  $(-48) + (-36)$

Q3.

Fill in the blanks.

(i).  $\{(-13) + 27\} + (-41) = (-13) + \{27 + (\text{---})\}$

(ii).  $(-68) + (-76) = (\text{---}) + (-68)$

(iii).  $(-31) + (\text{---}) = -40$

(iv).  $(-26) + \{(-49) + (-83)\} = \{(-26) + (-49)\} + (\text{---})$

Q4.

Simplify

(i).  $(-8) \times 9 + (-8) \times 7$

(ii).  $(-4) \times (-5) \times (-8) \times (-10)$

(iii).  $\{-13 - (-27)\} + \{-25 - (-40)\}$

(iv).  $65 \div (-13)$

(v).  $(-336) \div (-21)$

(5). Mark (✓) the correct answer and also give the solution.

(i). By how much does 2 exceed -3?

(a) -1      (b) 1      (c) -5      (d) 5

[also describe with the help of number line]

(ii). What must be subtracted from -1 to get -6?

(a) 5      (b) -5      (c) 7      (d) -7

(iii).  $(-8) \div 0 = ?$

(a) -8      (b) 0      (c) 1      (d)  $\infty$

(not defined)

(iv). The sum of two integers is -4. If one of them is 6, then the other one is

(a) -10      (b) 10      (c) 2      (d) -2

(v). The additive inverse of -6 is

(a)  $\frac{1}{6}$       (b)  $-\frac{1}{6}$       (c) 6      (d) 5

(6). Write True and false (Give the reason) or solution

(i).  $0 \div (-16) = 0$

(ii). The sum of negative integer and positive integer is always a positive integer

(iii).  $(-1) \times (-1) \times (-1) \times \dots \times (-1)$  n times = 1, when n is even

(iv). The sum of two negative integers is a negative integer

(v).  $68 \div (-17) = 4$

7. Define proper, improper and mixed fraction with the help of suitable example.

8. Convert the following into mixed fraction

(i)  $\frac{38}{7}$

(ii)  $\frac{47}{15}$

(iii)  $\frac{189}{16}$

(iv)  $\frac{306}{25}$

(v)  $\frac{100}{13}$

9. Simplify

(i)  $\frac{2}{3} + \frac{5}{6} - \frac{1}{9}$

(ii)  $8 - 4\frac{1}{2} - 2\frac{1}{4}$

(iii)  $8\frac{5}{6} - 3\frac{3}{8} + 1\frac{7}{12}$

(iv)  $3\frac{1}{5} - \frac{7}{10}$

(v)  $8\frac{3}{4} + 10\frac{2}{5}$

10. A rectangular sheet of paper is  $15\frac{3}{4}$  cm long and  $12\frac{1}{2}$  cm wide. Find its perimeter.

11. A film show lasted for  $3\frac{2}{3}$  hours. Out of this time  $1\frac{1}{2}$  hours was spent on advertisements. What was the duration of the film in minutes?

12. Sapna earns ₹ 24000 per month. She spends  $\frac{7}{8}$  of her income and deposits rest of the money in a bank. How much does she deposit in the bank each month.



- ⑬ Find
- (i)  $\frac{6}{7}$  of 35 litres (ii)  $\frac{1}{6}$  of an hour
- (iii)  $\frac{5}{9}$  of 45 (iv)  $\frac{7}{20}$  of a kg
- (v)  $\frac{3}{7}$  of a week

- ⑭ Rohit takes  $4\frac{4}{5}$  minutes to make a complete round of a circular park. How much time will he take to make 15 rounds?

- ⑮ Divide
- (i)  $\frac{5}{9}$  by  $\frac{2}{3}$  (ii)  $5\frac{4}{7}$  by  $\frac{13}{14}$
- (iii)  $4\frac{2}{7}$  by  $2\frac{2}{5}$  (iv) 28 by  $\frac{7}{4}$
- (v) 36 by  $6\frac{2}{3}$

- ⑯ 24 litres of milk was distributed equally among all the students of a hostel. If each student got  $\frac{2}{5}$  litre of milk, how many students are there in the hostel?

- ⑰ A bucket containing  $20\frac{1}{4}$  litres of water. A small jug has a capacity of  $\frac{3}{4}$  litre. How many times the jug has to be filled with water from the bucket to get it emptied?

18

Add

(i) 16, 8.7, 0.94, 6.8 and 7.77

(ii) 6.606, 66.6, 666, 0.066, 0.66

(iii) 9.09, 0.909, 99.9, 9.99, 0.099

19

(i) Find the product of

$$0.47 \times 5.3 \times 0.06$$

(ii) Subtract 6.732 from 9.001

(iii) Rohit purchased a notebook for ₹ 23.75, a pencil for ₹ 2.85 and a pen for ₹ 15.90. He gave a 50-rupee note to the shopkeeper. What amount did he get back?

(iv) Divide:

(a) 131.6 by 10

(b) 23.4 by 100

(c) 354.16 by 1000

(v) The cost of 24 toys of the same kind is ₹ 783.60. Find the cost of each toy.

20

(i) If  $a, b, c$  are nonzero integers and  $a > b$ , then which of the following options are correct

(I)  $(a \div c) > (b \div c)$ , if  $c$  is positive

(II)  $(a \div c) < (b \div c)$ , if  $c$  is negative

(a) Only I

(b) Only II

(c) Both I and II

(d) none of these

(Write the solution with an example)

(ii). In a class test containing 10 questions, 5 marks are awarded for every correct answer and (-2) marks are awarded for every incorrect answer and 0 for each question not attempted.

(a). Ravi gets 4 correct and 6 incorrect answers. What is his score.

(b). If Reenu gets 5 correct and her total score was 15. Then how many incorrect questions were attempted by her?

(c). If Heena gets 5 incorrect answers and her total score was 8, then how many questions were solved correctly by him?

### ACTIVITY BASED QUESTIONS

(21). Represent the following products of decimal numbers on a square sheet.

(i).  $0.5 \times 0.5$

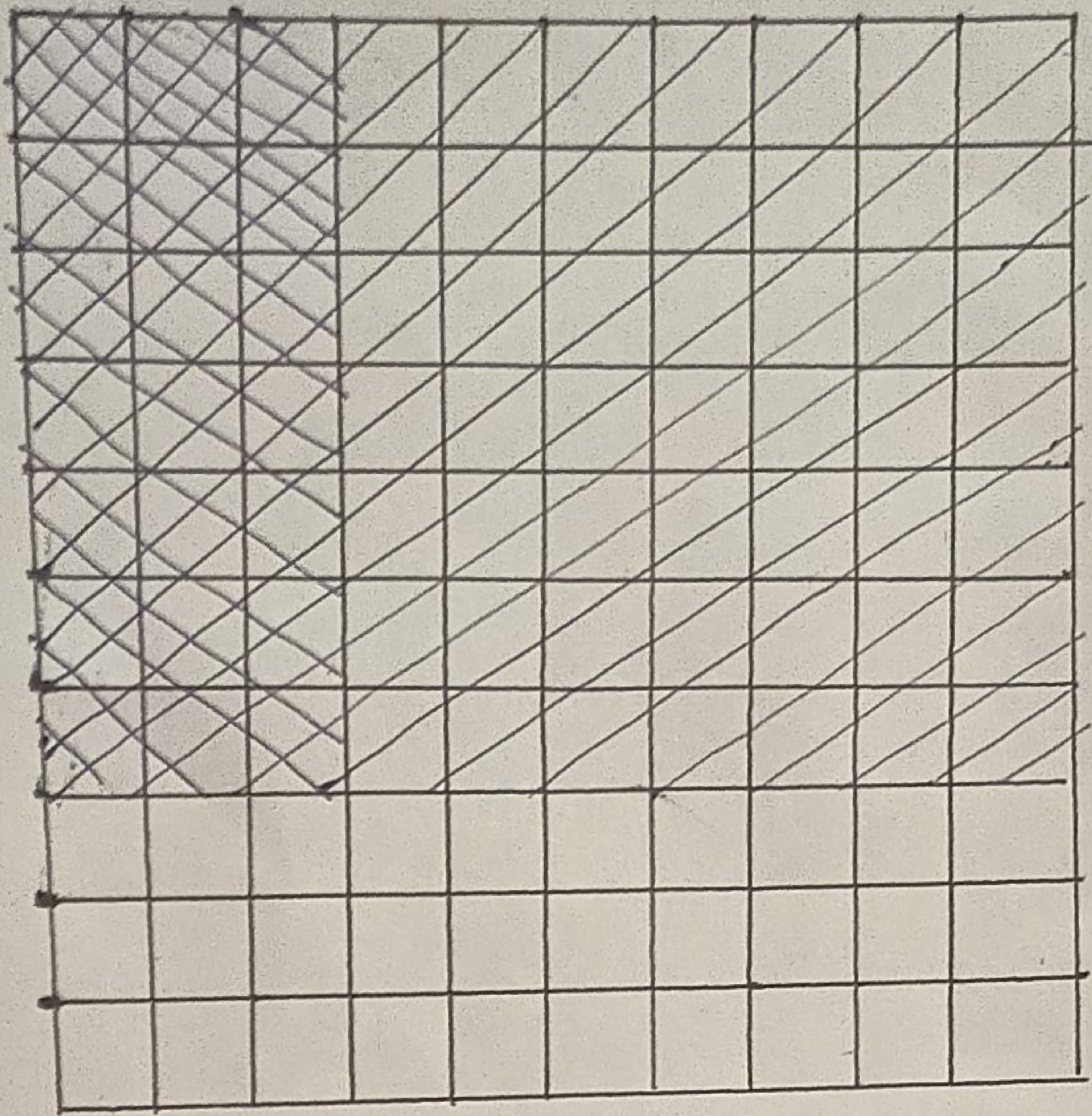
(ii)  $0.6 \times 0.4$

(iii)  $0.9 \times 0.7$

(iv).  $0.3 \times 0.5$

For example :-

let the product of the  
decimal numbers be  $0.7 \times 0.3$



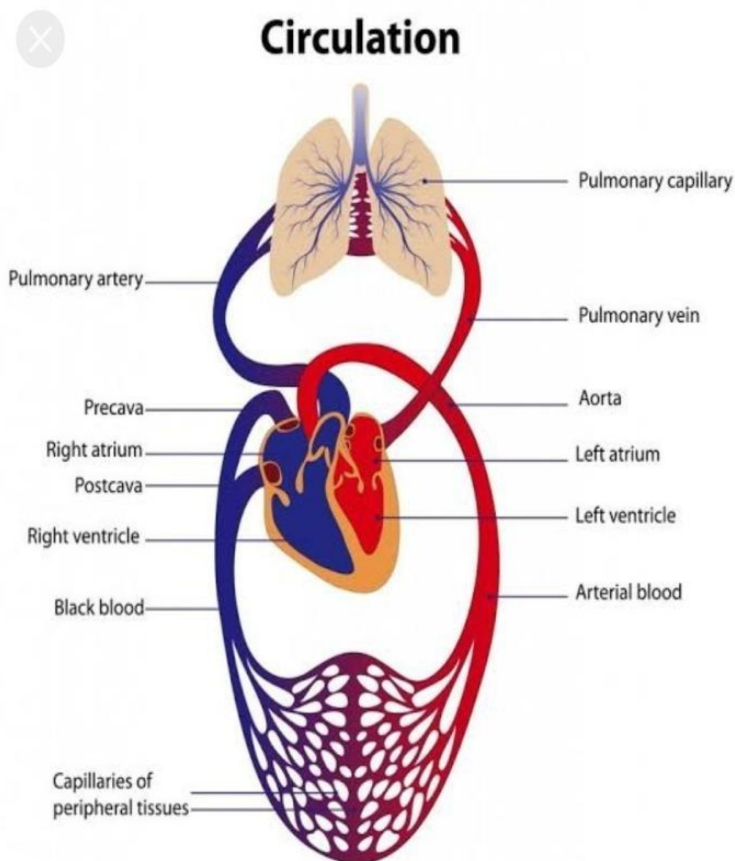
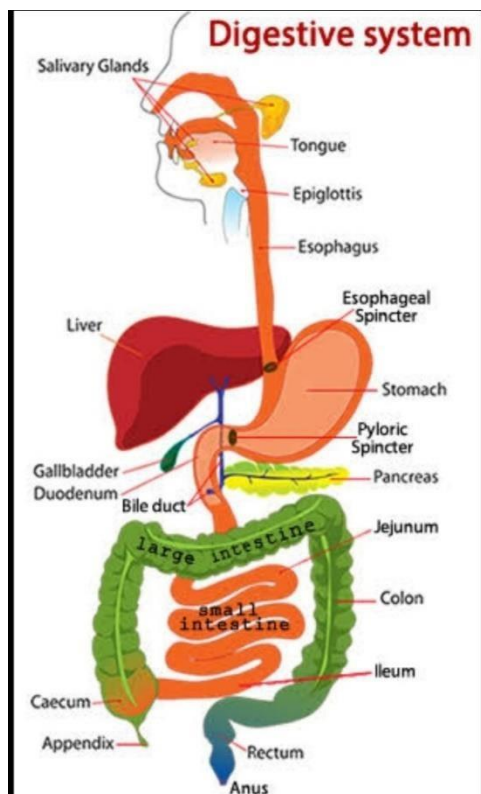
\* In the given example, we first shaded 0.7 in the square sheet of  $10 \times 10$  and the 0.3 was shaded. The part which is shaded two times represents the product.

\* you are required to perform the activity on a sheet. Use colour for better understanding.

## SUBJECT: SCIENCE

**Q1.** Draw a neat and labelled diagram of

- (i) Human digestive system
- (ii) Human circulatory system



For digestive system write in detail the secretion of enzymes by glands and the process of digestion.

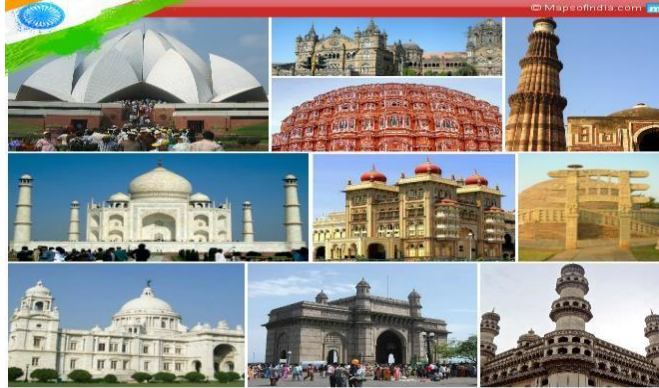
For circulatory system write the process of circulation of blood in detail and also how the blood is oxygenated.  
(Work to be done in scrap book).

**Q2.** Spend some time every day with your mother in the kitchen and help her. Find out 10 physical and chemical changes taking place there. Tabulate your data under following heads. Paste pictures to support your answer. Do this on a chart paper.

Activity	Observation in shape, size, colour, smell	Type of change
1		
2		

**SUBJECT: SOCIAL SCIENCE**

Prepare a report or file on any one Monument in Delhi. For example (Qutub Minar, Red Fort etc.) so that people around the world learn about the beauty of the monuments. Use pictures or details from Internet etc. to make your project work attractive.



Give a brief history of the monuments with following details:

- When and by whom was it built
- The reason why it was built
- Architectural features of the monuments
- How is the monument being maintained presently
- What improvement would you like to bring to promote protection of the monuments
- Give a slogan for its protection
- How the COVID-19 pandemic has affected the tourism.

### **Theme: Forest: An Ecosystem**

Forest plays a major role in maintaining the biodiversity and ecosystem of planet Earth. It is of great importance to any country and the mankind as a whole. With this aim in mind, write how Forest is important to us.

1. Draw a poster on drawing sheet on the Topic: Forest- Our lifeline



#### **Map work**

Mark all the States and Union Territories with its capital cities in the political map of India.

## SUBJECT: COMPUTERS

I. Prepare a worksheet that contains the marks obtained in different subjects by the students of your class. Now perform the following tasks:

1. Calculate the Total marks.
2. Calculate the Average marks for the percentage of the student.
3. Decide the rank secured by each student.
4. Calculate the minimum and maximum by using functions.
5. Create 20 rows.
6. Use Sum () and Average () functions to find total marks and average.
7. Insert Column Chart, Pie Chart and Line chart in an excel sheet for the

table. A sample table is given for your reference

Roll no	Name	Eng	Hindi	Maths	Science	S.St	Comp	Total	Average	Rank	Max	Min
1.	Anhad	90	87	79	98	87	90					
2.	Ramesh											
3.	Ahmed											

Note: Holiday Homework to be done in MS Excel and colour each column to make table attractive.

**Note- Children must revise the whole syllabus covered till date.**