

# St. Francis' Convent Inter College

Jhansi

Summer Holiday Homework 2020-2021

## CLASS VII

### ENGLISH LANGUAGE:

#### Assignment:

- Write a picture composition in your English Language notebook.
- Keep your composition to one and half page only.
- Learn the following pages from book: 126, 131, 135, 136, 145 and 147.
- Read the chapters that are taught till date.

### ENGLISH LITERATURE:

#### Project: word limit (4 pages)

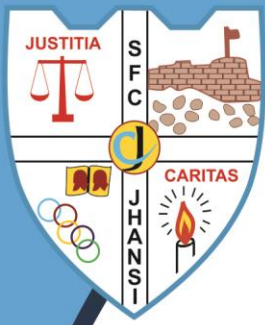
- Make a graphic story on Chapter One, "The Three Questions".

#### Assignment:

- Read the chapters and learn the question & answers of the chapters and poems taught till date.
- Learn the word -meanings from the book.

### HINDI LITERATURE:

- Ls.1. कविता 'हम पंछी उन्मुक्त गगन के' का सारांश चित्र सहित अपनी फेयर नोटबुक में लिखिए। Page no. 14 Question No. 3 Complete.
- Learn Ls. 2, 3 and 4.



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### HINDI LANGUAGE:

Learn Ls.1, 2, 3 and 6.

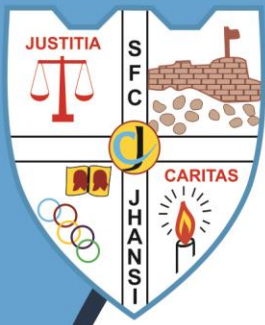
### MATHS:

(ALL WORK TO BE DONE IN ONE NOTEBOOK. DIVIDE THE NOTEBOOK AND DO BOTH ASSIGNMENT AND PROJECT WORK IN THE SAME. NO EXTRA CREATIVITY REQUIRED JUST DO THE WORK NEATLY. )

#### Assignment:

Solve the following questions:-

- This year, a woolen wear store sold 1200 leather jackets. If there is an increase of 150 jackets every year from the preceding year, then find the total number of jackets sold out in the next four years ?
- Which of the following are rational numbers :-  
 $0, \frac{6}{11}, \sqrt[3]{4}, \frac{\sqrt{5}}{5}, \frac{0}{12}$
- A water tap fills at the rate of 25 L per minute into a water tank. Another water tap can fill water in the same tank with the rate of 15 L per minute. If both water taps are opened, then the water tank is filled in 15 minutes. Find the volume of water tank.
- A submarine is at 350 m below sea level. It ascends for 10 seconds and then stops. Its final position is 100 m below the sea level. Find the speed of the submarine.
- A building of 50 floors. Every floor of the building is 6 m high. If its elevator moves 3 m per second, then how long will it take to move from the 2<sup>nd</sup> floor to the 42<sup>nd</sup> floor ?

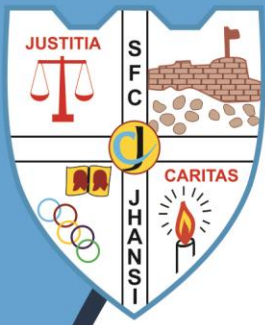


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- (f) Find the least number of five digits exactly divisible by 9, 12, 15 and 21.
- (g) Asha purchases two sacks of sugar which weigh 75 and 69 kg. Find the maximum value of the measuring weight which can be used to weight of the sugar exact number of times.
- (h) Three sticks measuring 48 cm, 64 cm and 80 cm are placed on a floor. Find the shortest length that can be measured exactly using each one of these three sticks.
- (i) The Length, Breadth and Height of a room are 6 m 80 cm, 5 m 10 cm and 3 m 40 cm respectively. Find the largest tape which can measure the dimensions of the room exactly.
- (j) LCM and HCF of two numbers are 693 and 11 respectively. If one number is 99, find the other number.
- (k) Sarika spent  $\frac{2}{5}$  of her money on buying a skirt. She then spent  $\frac{4}{9}$  of her remaining money on a belt. What fraction of money was left?
- (l) A box contained blue and yellow balls.  $\frac{4}{5}$  of the balls were blue. All the blue balls were shared equally among 8 children. What fraction of all the balls from the box did each child get?
- (m) Mr. Sharma gave  $\frac{1}{3}$  of his money to Sonal and  $\frac{5}{12}$  of the money to Kunal. He deposited the rest of the money in equally in three accounts. What fraction of his money did he deposited in each account?
- (n) Sanjay had a rope. He used  $\frac{1}{4}$  of it to tie some boxes together. He then used  $\frac{5}{9}$  of the remainder to make a skipping rope for his daughter. 120 cm of the rope was left. What was the length of the rope he used to tie his boxes together?
- (o) Chitra had a plot of land. She planted flowering plants on  $\frac{3}{4}$  of the land.  $\frac{2}{3}$  of the flowering plants were sunflowers. What fraction of land was planted with flowers?
- (p) Draw a number line and represent the following rational numbers on it :-  
(1)  $\frac{9}{5}$  (2)  $\frac{2}{5}$  (3)  $\frac{-7}{5}$  (4)  $3\frac{2}{5}$



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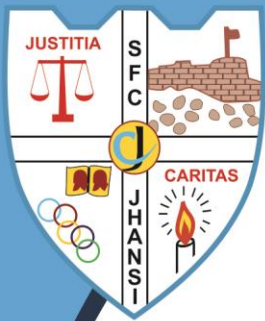
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- (q) Find 9 rational numbers between  $\frac{3}{5}$  and  $\frac{4}{6}$
- (r) A man walks  $1\frac{1}{2}$  km from his home towards the East and then from there, he walks  $\frac{2}{3}$  km towards the West. He walks  $\frac{1}{4}$  km towards East again. Where is he from his home now?
- (s) Ajay is reading a novel. He finished  $\frac{1}{4}$  of the whole novel on the first day,  $\frac{1}{3}$  of the whole novel on the second day and  $\frac{1}{5}$  of the whole novel on the third day. What part of the book was left unread on the third day?
- (t) The product of two rational numbers is  $\frac{-11}{2}$ . If one of them is  $\frac{33}{8}$ , find the number.

### PROJECT WORK

Solve the following questions :-

- There is an association of five major national economies : Brazil , Russia , India , China and South Africa called 'BRICS'
  - Find the population of each BRICS country.
  - Find the population of each BRICS country as a fraction of total population of BRICS.
  - Find the total population of the BRICS nations as a fraction of world population.
- Use Internet, TV or Newspaper to know about the temperatures of Delhi , Mumbai , Kolkata and Chennai. Record the temperatures of the cities in the adjoining table. Assume that X and Y are the name of the cities. Find X - Y for each city and complete the table .



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← Y →

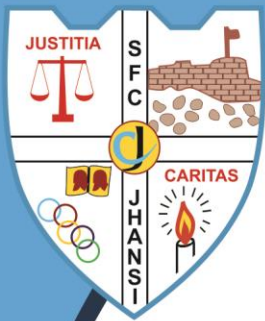
CITY	DELHI	MUMBAI	KOLKATA	CHENNAI
DELHI				
MUMBAI				
KOLKATA				
CHENNAI				

X

CITY	TEMPERATURE
DELHI	
MUMBAI	
KOLKATA	
CHENNAI	

### HISTORY:

- Prepare a project on the topic "Impact of Muhammad Ghazni and Muhammad Ghori's invasion in India".
- Using your creativity by using pictures, drawing, charts, tables etc.
- The project should not be more than 12 to 15 pages.
- You will use a thin notebook for your project.
- Revise all the chapters taught.



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### GEOGRAPHY:

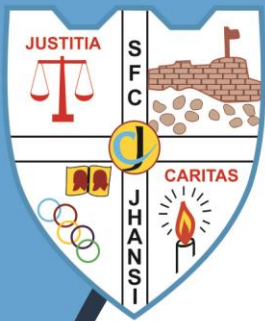
- Draw the conventional signs and symbols neatly using colour pencil.
- Prepare a project in 12 to 15 pages notes book using your creativity and innovated ideas using pictures and drawing.
- Make charts, tables and diagrams.
- Topic for the Project- GLOBAL WARMING.- (Causes, Effects and Solutions for prevention).

### PHYSICS:

- With the help of pictures or diagrams explain the different types of motion.
- Write and learn the definitions of the following terms.  
a. Area      b. Capacity      c. Volume      d. Density      e. Speed
- Learn and revise all the work done till date.

### CHEMISTRY:

- Q.1 Write and learn the formula of the compounds given on page 32 table 3.3 (from the course book)
- Q.2 With the help of pictures and/or diagrams explain the different types of changes with examples.
- Q.3 Learn and revise all the work done till date.



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### BIOLOGY:

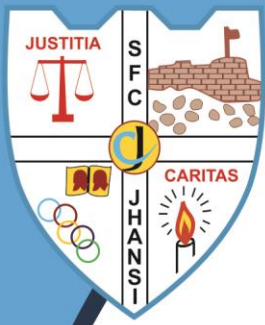
Q1. Draw a well labelled diagram for the following:-

- Parenchyma cells
- Collenchyma cells
- Sclerenchyma cells
- Four types of Epithelial tissues
- Three different types of muscles
- Nerve cell
- Fish
- Butterfly
- Opening and closing of Stomata

Q2. State the Category /Phylum and two characteristics of each of the following animals:-

- Sponge
- Hydra
- Tapeworm
- Ascaris
- Earthworm
- Housefly
- Octopus
- Starfish
- Frog
- Lizard
- Sparrow
- Dogfish
- Camel

Note. Learn all the Question answers of the chapters taught, prepare the lessons well and complete all the notebook work given.



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### COMPUTER:

- Read Chapter No 1 & 2.
- Do all the Questions.
- Do the practice of Number Conversions.
- Read & write about followings:
  - a) Hardware
  - b) Software
  - c) Interface
  - d) Operating System
  - e) Application Software

