

CLASS-10 (13/5/20)

\*MATHS

- 1) The sum of two natural number is 9 and the sum of their reciprocals is  $\frac{1}{2}$ . Find the numbers.
- 2) The difference of two natural number is 5 and the difference of their reciprocal is  $\frac{1}{10}$ . Find the numbers.
- 3) The difference of squares of two numbers is 180. The square of the smaller number is 8 time the larger number. Find the two numbers.

Solve such type of 10 question from your textbook.

\*HINDI

\* Aapke vidhyalya me van mahotsav manaya gaya jisme aapki sakriya bhoomika rahi. Ise batate hue apne mitra ko patra likhiye.

\* handwriting aur spelling sudharne ke liye ek page dictation likhiye.

\*S.ST.

History

Ch-1 The Rise of Nationalism in Europe

\*Short Answer Type Questions:

1. How did nationalism and the idea of nation state emerge?
2. (a) What was the Zollverein?  
(b) what were its wider implications?
3. What were the major proposals of Vienna Congress?

\*SCIENCE

Ch- Electricity

1. Explain with the help of diagram of some instruments used in electrical circuits.
2. Write the factors which affect resistance and also define specific resistance. What will be the effect on the specific resistance if the length and area of cross section of a conductor become twice.
3. Write the definition of-  
1 ampere, 1 volt and 1 ohm.
4. Express the relation between kilowatt hour and joule
5. Explain the construction principle and working of
  - a) electric bulb
  - b) electric press
  - c) electrical heater