CLASS 10(22/4/20)

*MATHS

1. Find the value of k for which each of the the following system of linear equations has an infinite number of solutions

a)2x+(k-2)y=k 6x+(2k-1)y=(2k+5) b)kx+3y=(2k+1)

2(k+1)x+9y=(7k+1)

2) The monthly incomes of A and B are in the ratio 8:7 and their expenditures are in the ratio 19:16. If each saves 5000 Rs. Per month, find the monthly income of each.

3) The difference of two numbers is 4 and the difference of their reciprocal is 4/21. Find the numbers. Solve such type of 10 question from R.S.Agarwal.

*S.St.

History (Ch-1, The Rise of Nationalism in Europe)

- * Write a notes on
- 1. Giuseppe Mazzini
- 2. Count Camilo de Cavour
- 3. The Greek war of Independence
- 4. Frankfurt Parliament
- 5. The Role of Women in Nationalist Struggles.

*HINDI

1.Visheshan ki paribhasha, bhed, udaharan sahit likhiye.

2.10 wakya likhkar usme visheshan ko rekhankhit kar uska pad parichay likhiye.

*SCIENCE

(Physics)

1- Define parallel connection and series connection.

2- Advantage and disadvantage of heating effect of current

3- A wire is 1 metre long 0.2 mm in diameter and has resistance of 10 ohm. Calculate its resistivity. 4- Calculate the area of cross section of a wire of length 2 m, its resistance is 25 ohm and the resistivity of material of wire is 1.84×10^{-6} ohm metre.

*ENGLISH

1. Write central idea of Poem 2 fire and ice in 80-100 words

2. Frame any 10 questions from this poem and write their answers.

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