



# Summer Valley School, Dehradun

Address :18, TegBahadur Road, Dehradun (UK) e-mail: summervalleyschool@gmail.com Tel : 0135-2673383, 2678356

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Class X /Assignment 1

30 March 2020

## ENGLISH LANGUAGE:

### ASSIGNMENT- 1

Convert the following from Direct to Indirect :

1. He said, "I wrote a letter".
2. He said, "It was blowing hard at six".
3. He said, "I am too ill to speak now".
4. He said, "The evil that men do lives after them."
5. He said to me, "Thank you."
6. He said to me, "Why did you strike him?"
7. The mother said to her daughter, "Do you know where Prem is?"
8. The teacher said to the boys, "Work hard and steadily."
9. The father said to the son , "Do not go to the cinema daily. "
10. He said, " Let me go."

### ASSIGNMENT-2

Insert appropriate Prepositions in the spaces left blank:

1. His brother was accused \_\_\_\_theft.
2. I am very angry \_\_\_\_his misconduct.
3. He is seldom attentive\_\_\_\_his lessons.
4. A son was born\_\_\_\_her.
5. Give me change\_\_\_\_a rupee.
6. He complains\_\_\_\_pain in the head.
7. I congratulate you\_\_\_\_your brilliant success.
8. He deals\_\_\_\_computer software .
9. My brother excels me\_\_\_\_music.
10. Never be false\_\_\_\_your friends.
11. He was found guilty\_\_\_\_murder.
12. He is the only heir\_\_\_\_his father's property.
13. Everything is known\_\_\_\_me.
14. He is liable\_\_\_\_expulsion from school.
15. A brave man prefers death\_\_dishonour.
16. He pretended not\_\_\_\_notice.
17. I searched\_\_\_\_my book.
18. Mohan is slow\_\_\_\_speech.
19. His brother is slow\_\_\_\_ arithmetic.
20. The plane flew \_\_\_\_the mountains.

### Suggestive reading for audibles:

Rebecca of Sunnybrook farm – Kate Dougla’s Wiggin



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## HINDI:

1. व्याकरण पुस्तक मे दी गई समस्त सूची याद कर अभ्यास करें।
2. 'बात अठन्नी की' 'काकी'  
नोट— उपरोक्त पाठों को पढ़े व षीर्षक की सार्थकता तथा कहानी का उद्देश्य लिखें।

## MATHS:

### QUADRATIC EQUATIONS

Solve the following equations by factorization:

Question 1

- a)  $2x^2 + x - 6 = 0$
- b)  $3x^2 - 5x - 12 = 0$
- c)  $(x - 4)^2 + 5^2 = 13^2$
- d)  $3(x - 2)^2 = 147$
- e)  $3(x^2 - 6) = x(x + 7) - 3$
- f)  $3x - \frac{8}{x} = 2$
- g)  $\frac{x+2}{x+3} = \frac{2x-3}{3x-7}$
- h)  $\frac{x}{x-1} + \frac{x-1}{x} = 2\frac{1}{2}$
- i)  $\frac{1}{x-3} - \frac{1}{x+5} = \frac{1}{6}$
- j)  $\frac{a}{ax-1} + \frac{b}{bx-1} = a + b, a + b \neq 0, ab \neq 0$
- k)  $\sqrt{3x+4} = x$
- l)  $\sqrt{x(x-7)} = 3\sqrt{2}$
- m)  $\sqrt{2}x^2 + 7x + 5\sqrt{2} = 0$

Q2 Use the substitution  $y = 3x + 1$  to solve for  $x$

$$5(3x + 1)^2 + 6(3x + 1) - 8 = 0$$

Q3 Find the value of  $x$  if  $p + 7 = 0$ ,  $q - 12 = 0$  and  $x^2 + px + q = 0$

### Mean and Median

Q4 Find the mean and the median of the following set of number:

9, 8, 2, 8, 5, 3, 5, 4, 1, 5, 2, 7

Q5 The median of the observations 11, 12, 14,  $(x + 2)$ ,  $(x + 4)$ ,  $(x + 9)$ , 32, 38, 47 arranged in ascending order is 24. Find the value of  $x$  and hence find the mean.

Q6 The mean of number 1, 7, 5, 3, 4, 4 is  $m$ . The number 3, 2, 4, 2, 3, 3,  $P$  have mean  $(m - 1)$  and median  $q$ . Find (i)  $P$  (ii)  $q$  (iii) the mean of  $P$  and  $q$ .



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## **HOME SCIENCE:**

(Both the sections of girls and boys)

1. Write each recipe in the given format.

- a. Name of the recipe.
- b. List of the ingredients required for the recipe.
- c. Method of making the recipe.
- d. Paste relevant pictures.

2 Each student will write the following:

\*Drinks. - Mock tails- 2, -  
Smoothy-2, FruitPunch-2, Milkshakes -2.

\*Snacks- Sandwiches -2kinds,

BurgerBuns-2 types,

Grilled Sandwiches-

2 Varieties.

3.Cakes- Plain sponge cake, -

Chocolate cake, Chocolate Brownie.

4. Sweets--Gulabjamun, Halwa (carrot/suji), kheer /Custurd.

Note that --write 5more snacks recipes of your choice.