# Summer Valley School, Dehradun

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


Class XII /Assignment 1 30 March 2020

**ENGLISH LANGUAGE:**

**Assignment 1**- TRANSFORMATION

1. When he returned, we asked him many questions. On his_____
2. He arrived and the crowd went hysperical with joy. Scarcely_____
3. The bus service has been interrupted by floods. Floods_____
4. This scenery is breath taking. How_____
5. You are entitled to a discount as long as the offer lasts. So long_____
6. He is so tall that he cannot enter through this door. He is too_____
7. The doctor said to him, "drink at least three litres of water every day." The doctor advised_____
8. Sunil is the best debater in our team. No other_____
9. Not only did he score a century but also three important wickets. Beside's___
10. I am sorry I am unable to accompany you. I regret_____

**Assignment 2**

Specimen paper 2 – Film Review-

Question 2 (a) page 38

Total English 12

**Suggestive reading for audibles:**

Jane Eyre Charlotte Bronte

**HINDI:**

1. मुहावरे –151 से 175 तक
2. वाक्य षुद्धि– 151 से 175 तक
   नोट– समस्त कार्य याद करें व नई उत्तर पुस्तिका (छमू स्ंदहनंहम दवजम इववा) में लिखें।

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**MATHS:**

## MATRICES

1. Construct a $3 \times 4$ matrix whose elements are $a_{ij} = \frac{1}{2}|-3i + j|$
2. If $\begin{bmatrix} x+y & y-z \\ z-2x & y-x \end{bmatrix} = \begin{bmatrix} 3 & -1 \\ 1 & 1 \end{bmatrix}, find\ x, y, z.$
3. Find $x, y, z\ and\ w\ if$
   $3\begin{bmatrix} x & y \\ z & w \end{bmatrix} = \begin{bmatrix} x & 6 \\ -1 & 2w \end{bmatrix} + \begin{bmatrix} 4 & x+y \\ z+w & 3 \end{bmatrix}$
4. If $A = \begin{bmatrix} 3 & -2 \\ 4 & -2 \end{bmatrix}$ find K if $A^2 = KA - 2I$
5. If $A = \begin{bmatrix} cos\theta & sin\theta \\ -sin\theta & cos\theta \end{bmatrix}, show\ that\ A^2 = \begin{bmatrix} cos2\theta & sin2\theta \\ -sin2\theta & cos2\theta \end{bmatrix}$

Revision class XI differentiation and Do Ex. 8(a) from class XII Book.