

VALUES FOR NORMALIZATION				
SECTION	SHIFT-1		SHIFT-2	
	Standard Deviation	MEAN	Standard Deviation	MEAN
SEC-A	25.0466	66.4562	23.7739	67.0859
SEC-B	18.179	53.3835	17.5573	54.0323
SEC-C	24.6554	90.9405	16.3843	70.0219
SEC-D-I English	7.7803	17.0087	6.9153	17.0759
SEC-HINDI	13.8853	38.4573	13.1618	39.8298

Normalization Formula

$$S_{ij} = \mu + ((X_{ij} - \mu_i) / \sigma_i) * \sigma$$

μ = Maximum Mean of raw score of Section/Shift.

σ = Standard Deviation of raw scores of Section /Shift having maximum mean.

X_{ij} = Raw Marks of jth candidate in ith Section/Shift.

S_{ij} = scaled Marks of jth candidate in ith Section/Shift.

μ_i = Mean of raw scores of ith Section/Shift.

σ_i = Standard Deviation of raw scores of ith Section/Shift.

$$\text{Percentage after Scaling/Normalization of Marks} = \frac{S_{ij} * 100}{600}$$