

TABLE 2.19 : COMPUTATION OF SEASONAL INDICES

Year	Trend Values				Trend Eliminated Values (Given values as% of trend values)			
	I Qrt	II Qrt.	III Qrt.	IV Qrt.	I Qrt	II Qrt.	III Qrt.	IV Qrt.
1995	27.5	30.5	33.5	36.5	109.1	131.1	107.5	93.1
1996	39.5	42.5	45.5	48.5	86.1	122.4	109.9	90.7
1997	51.5	54.5	57.5	60.5	77.7	106.4	93.9	70.3
1998	63.5	66.5	69.5	72.5	85.0	114.3	97.8	85.5
1999	75.5	78.5	81.5	84.5	106.0	117.1	105.5	97.0
			Total		436.9	591.3	514.6	445.6
	Average (A.M.) (Seasonal Indices)				92.78	118.26	102.92	89.12
	Adjusted Seasonal Indices				92.07	117.36	102.14	88.44

The indices obtained above are adjusted to a total of 400 (since the sum of indices =  $92.78 + 118.26 + 102.92 + 89.12 = 403.08$ , which is greater than 400) by multiplying each of them by a constant factor  $k$ , called *correction factor* given by :  $k = \frac{400}{\text{Sum of indices}} = \frac{400}{403.08} = 0.9924$ .