Jawaban:

1. Indeks Harga Konsumen adalah ukuran keseluruhan biaya yang harus dibayarkan oleh seorang konsumen untuk mendapatkan berbagai barang dan jasa sesuai dengan kebutuhan hidupnya.
2. $I\_{12/10}$=$\frac{P\_{12}}{P\_{10 }}$ x 100% = $\frac{159.500}{56.500}$ x 100% = 282,3%

$I\_{11/10}$=$\frac{P\_{11}}{P\_{10 }}$ x 100% = $\frac{120.300}{56.500}$ x 100% = 212,92 %

1. $I\_{12/11}$=$\frac{∑P\_{12}}{∑P\_{11 }}$ x 100% = $\frac{2.100}{1.800}$ x 100% = 116,67 %
2. Indeks Laspeyres:

$I\_{12/11}$=$\frac{∑P\_{12}Q\_{11}}{∑P\_{11}Q\_{11}}$ x 100%

= $\frac{\left(2000\right)\left(700\right)+ \left(600\right)\left(1000\right)+ (1500)(50)}{\left(600\right)\left(700\right)+ \left(300\right)\left(1000\right)+ (400)(50)}$ x 100%

= 280,4%

Indeks Peesche:

$I\_{12/11}$=$\frac{∑P\_{12}Q\_{12}}{∑P\_{11}Q\_{12}}$ x 100%

= $\frac{\left(2000\right)\left(1000\right)+ \left(600\right)\left(1500\right)+ (1500)(40)}{\left(600\right)\left(1000\right)+ \left(300\right)\left(1500\right)+ (400)(40)}$ x 100%

= 277,67%

1. I = $\sqrt{L x P }$ = $\sqrt{\left(280,4 \%\right)x \left(277,67 \%\right)}=279.03 \% $