

### **Case Viva company (3)**

VIVA, SA company, described before, produces and markets several products. Let's remember that its production process is as follows.

- The Material X is converted in a Section I, producing the Product A. Besides being sold on the market, it is also used in the production of the Product B, being converted, together with the Material Y, in a Section II;
- The BY-product C, in the proportion of 10%, is obtained from the production of this Product B in a joint production;
- Besides the main sections mentioned, the company also has two Supporting Sections (Section III and Section IV), one Raw Materials Warehouse and one Finished Products Warehouse, whose allocation criteria are:
  - RMW – To purchases, according to quantity
  - FPW – To sales, according to quantity.

Based on the data provided in Cases Viva (1) and (2), it is required regarding April of the year N:

#### ***A – Accounting variances***

- 1 – Analyze and comment the purchases variance of the Material X;
- 2 – Analyze and comment the variance of the Section SI, pointing out the budget variance and the activity variance and analyzing the budget variance regarding the electrical energy;
- 3 – Analyze and comment the manufacturing variance of the Product B;

#### ***B – Non-accounting variances***

- 1 – Ascertain and analyze the sales variance, sales cost variance and variable non-manufacturing expenses variance, regarding the product A.