

University of Oum El Bouaghi
Department of Mathematics and Computer Science

Module: Information System

2nd year Computer Science

Solution for Tutorial 1: Company Characteristics

Multiple Choice Questions

1. **The company:**
 - a. Is a human community
 - b. Is an essential social function
 - c. Mobilizes and remunerates labor and capital
 - d. Is a unit that creates distribution markets

2. **Among the main economic objectives of the company, there are:**
 - a. Profitability
 - b. Market conquest
 - c. Profit
 - d. Regulation of non-polluting activities

3. **Among the non-economic objectives of the company, there are:**
 - a. Public service (electricity, rail transport, etc.)
 - b. A certain level of productivity
 - c. Social concerns (providing employment, ensuring income (salary), enabling social integration through work, etc.)

4. **Production is:**
 - a. The transformation of resources leading to the creation of goods and services
 - b. The combination of labor, technical capital, and intermediate consumptions
 - c. The prerequisite for any organizational activity
 - d. A step toward achieving the organization's social objectives

5. **The company is socially:**
 - a. A human group
 - b. A decision-making center that sets goals and defines the means to

achieve them

c. A basic cell of social life, a social entity

d. An information exchange hub between partners (clients/suppliers, state/local communities, etc.)

Exercise 01

1. List all the products mentioned in this family situation:

- Car
- Town hall services
- Sports sessions
- Courses
- Computer
- Internet connection

2. Determine the material (goods) and immaterial (services) products:

- **Goods:**
 - Car
 - Computer
- **Services:**
 - Town hall services
 - Sports sessions
 - Courses
 - Internet connection

Exercise 02

1) Determine the physical production of Pulls SA.

- **Physical production:** 200,000 sweaters

2) Determine the value of this production if the company sells it in its entirety.

- **Value of production:** 200,000 sweaters sold at 500 dinars each = 100,000,000 dinars

3) List and calculate the total amount of intermediate consumption.

- **Intermediate Consumption:**
 - Yarn: 10 million dinars
 - Fabric: 5 million dinars

- Haberdashery items: 5 million dinars
- Energy: 5 million dinars
- **Total amount:** 25 million dinars

4) Calculate the value added by Pulls SA:

- **Value Added** = Turnover - Intermediate Consumption
- **VA** = 100 million dinars - 25 million dinars
- **VA** = 75 million dinars

Exercise 03

Classification of companies based on their sector of activity and type of production:

Company	Sector of Activity	Type of Production
Petroleum Extraction	Primary	Goods
Taxi	Tertiary	Services
Secretarial Services	Tertiary	Services
Shoemaker (Cordonnier)	Secondary / Tertiary	Goods /Services
Grocery Store (Epicerie)	Tertiary	Services
Factory (Usine)	Secondary	Goods
Architecture	Tertiary	Services
Mine	Primary	Goods