

**Module:** Information Systems, 2nd Year Bachelor's Degree in computer science

## **Tutorial N 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**

The Makhoulouf family has two children: Mouhammed and Laila. Mr. Makhoulouf has been working for five years at the Renault company near the port. Mrs. Makhoulouf is a secretary at the town hall of their residential community. Mouhammed, the eldest child, is very active in sports and

leads weekly football training sessions at the club where he is a member. Laila, who holds a scientific baccalaureate, received a new internet-connected computer for her birthday.

**Questions:**

1. List all the products mentioned in this family situation.
2. Identify the material (Goods) and immaterial (Services) products.

**Exercise 02**

Pulls SA is a company specializing in the creation, manufacturing, and marketing of sweaters made from fabric and wool. It generates a turnover of 100 million dinars (200,000 sweaters sold at 500 dinars each). To produce, the company buys goods and services from other companies upstream in the production process. Pulls SA buys pre-dyed thread from Algerian spinning mills for 10 million, fabric by the meter for 5 million dinars, 5 million dinars worth of haberdashery (threads, buttons, etc.), and consumes 5 million dinars of energy.

**Questions:**

1. Determine the physical production of Pulls SA.
2. Determine the value of the production if the company sells it entirely.
3. List and calculate the total amount of intermediate consumptions.
4. Calculate the added value of Pulls SA.

**Exercise 03**

Classify these companies based on their sector of activity and type of production:

COMPANY	SECTOR OF ACTIVITY			TYPE OF PRODUCTION	
	PRIMAIRE	SECONDAIRE	TERTIAIRE	GOODS	SERVICES
Petroleum Extraction					
Taxi					
Secretariat services					
Shoemaker					
Grocery					
Factory					
Architecture					
Mine					