



## Quiz/ Exercise

1. The concept RECP is a tool 4-in-1, i.e., RECP concept is:

- a) Management tool for processes, products and services
- b) Social tool
- c) Tool for protection of the environment
- d) Tool for Quality Assessment and Quality Control

2. Applied to the products, the RECR concept is a strategy directed toward reducing of all negative influences over people and the environment during the course of a lifecycle of the product, from receiving of the products to the final storage of the long-term products.

- a) True
- b) False

3. The usage scope of the RECP concept within one entity (company, municipality, region, etc.) is broad and refers to:

- a) Technologies
- b) Government regulations
- c) Financial organizations
- d) Processes

4. Applied in the manufacturing concepts, the RECP concept not includes a rational usage of raw materials, water, energy, replacement of dangerous materials with ecologically accepted ones, as well as reducing of the amounts and toxicity of emissions and waste in water, air, and earth;

- a) True
- b) False

5. How can all waste be reduced?

- a) Evaluate the need for each product before purchase, reuse the products as much as possible
- b) Promote waste reduction in your community by promoting your family's experience
- c) Don't buy products or technical devices due to fashion trends.

## 6. Production chain Stakeholders

- a) Employees are important stakeholders
- b) Suppliers and customers
- c) Financial organisations
- d) all answers are correct

## 7. Basic Principles of Environmental Indicator Systems:

- a) Target orientation
- b) Clarity
- c) Non-balance
- d) Continuity

## 8. What are the inputs for establishing environmental performance Indicators?

- a) Data sources
- b) Considerations and techniques for data analysis
- c) Reporting and Communication
- d) Analysis and conversion of data

## 9. How to Calculate some Key Environmental Indicators?

- a) Water use ratio:  
 $\text{Total water use (litres)} / \text{Production volume (ton, kg, litres)}$
- b) Energy use ratio:  
 $\text{Sum of all individual energy sources (MJ)} / \text{Production volume (ton, kg, litres)}$
- c) Liquid fuel ratio  
 $\text{Coal (MJ)} / \text{Production volume (ton, kg, litres)} / \text{Sum of fuel oils, plus kerosene}$

## 10. Cleaner Production Strategies

- a) Reducing the number of production steps
- b) More/ Cleaner Energy production
- c) Less Production Waste
- d) Improved inventory control and materials handling