**REPORT**

**EXERCISE 9**

**Spontaneity of Chemical Reactions**

**NAME:** **GROUP:**

**DATE OF EXERCISE:**

**I. Problem 1**

**1. Objective of the exercise  
…**

**2. Table 1 – Data and calculated values  
…**

**3. Calculations  
…**

**4. Conclusions**

**…**

**II. Problem 2**

**1. Objective of the exercise  
…**

**2. Table 1 – Data and calculated values  
…**

**3. Calculations  
…**

**4. Conclusions**

**…**

**II. Problem 3**

**3a.**

**1. Objective of the exercise  
…**

**2. Table 1 – Data and calculated values  
…**

**3. Calculations  
…**

**4. Conclusions**

**…**

**3b.**

**1. Objective of the exercise  
…**

**2. Table 1 – Data and calculated values  
…**

**3. Calculations  
…**

**4. Graph of the dependence of the chemical affinity of pure components on temperature  
…**

**5. Conclusions**

**…**