**List of tasks for students:**

1. The company manufactures in terms of perfect competition has a total daily revenue of 10 000 CZK. At this level of production firm maximizes profit, the average cost is 20 CZK, marginal costs 40 CZK and average variable costs 15 CZK. Determine the level of production (in physical units). Next, determine the size of the total profits if a company realizes.

2. Calculate the maximum profit (resp. Min. Loss) for the firm maximizes profit where: TR = 40 Q - 2 Q 2 and Q = AC + 10

3. Perfectly competitive market. The normal price of firewood is 70 CZK per yard, short-term TC is described by a function: TC = 800 + 16q + q2, where q is the number of yards per month. At what output is to maximize profits? Calculate the short-term gains (or losses).