48. The processes of chemical technology on the organizational and technical structure are divided into:

A) cyclic and non-cyclic;
B) periodic and continuous;
C) discontinuous and continuous;
D) stationary and non-stationary;
E) rotational and translational.

49. The material balance of the chemical-technological system (CTS) is determined by the ratio of m_{input} and $m_{consumption}$:

A) $\Sigma m_{consumption.} = \Sigma m_{input}$;
B) $\Sigma m_{consumption} = 1/2\Sigma m_{input}$;
C) $\Sigma m_{input} = 1/2\ \Sigma m_{consumption}$;
D) $\Sigma m_{input} = \Sigma m_{consumption} / \Sigma m_{theoretical\ consumption}$;
E) $\Sigma m_{input} = \Sigma m_{consumption}$

50. The heat or energy balance of the chemical-technological system (CTS) is determined by the ratio Q_{input} and $Q_{consumption}$:

A) $\Sigma Q_{consumption} = \Sigma Q_{input}$;
B) $\Sigma Q_{consumption} = 1/2\Sigma Q_{input}$;
C) $\Sigma Q_{input} = 1/2\ \Sigma Q_{consumption}$;
D) $\Sigma Q_{input} = \Sigma Q_{consumption} / \Sigma Q_{theoretical\ consumption}$;
E) $\Sigma Q_{input} = \Sigma Q_{consumption}$