TEST TASKS

1. Basic requirements for the properties of solid catalysts:
A) amortization and reproducibility;
B) selectivity and temperature resistance;
C) cheapness and affordability;
D) substitutability and amortization;
E) porosity and granularity.

2. Technological characteristics of solid catalysts:
A) wear resistance;
B) cheapness and affordability;
C) accessibility.
D) activity and stability;
E) porosity and crystallinity.

3. Requirements for industrial catalysts:
A) high performance;
B) specificity;
C) reproducibility;
D) high conversion rate;
E) environmental friendliness.

4. Requirements for industrial catalysts:
A) specificity;
B) high ignition temperature;
C) cycle and periodicity of operation;
D) recyclability and environmental friendliness;
E) resistance to poisons, mechanical strength.

5. The activity of the catalyst is determined according to the equation:

A) $A = e^{\frac{\Delta E}{RT}};$

B) $A = K_0 \cdot e^{-\frac{E_{KT}}{RT}};$