

**49. Dehydration of 85% reactive orthophosphoric acid in graphite furnaces at 250-260 °C produces:**

- A) pyrophosphoric acid;
- B) thermal phosphoric acid;
- C) extraction phosphoric acid;
- D) superphosphoric acid;
- E) tripolyphosphoric acid.

**50. Neutralization of phosphoric acid in order to obtain reactive calcium salts is carried out in the presence of:**

- A)  $\text{CaSO}_4$ ,  $(\text{NH}_4)_3\text{PO}_4$ ;
- B)  $\text{MgO}$ ,  $\text{MgCO}_3$ ,  $\text{Ca}(\text{OH})_2$ ;
- C)  $\text{CaO}$ ,  $\text{Ca}(\text{OH})_2$ ,  $\text{CaCO}_3$ ;
- D)  $\text{Ca}_3(\text{PO}_4)_2$ ,  $\text{Ca}_2\text{P}_2\text{O}_7$ ;
- E)  $\text{NaNO}_3$ ,  $\text{CaF}_2$ ,  $\text{MgO}$ .