B) melting and leaching of γ-Al_2O_3;
C) leaching and crystallization of aluminosilicate;
D) electrolysis of melt Al_2O_3 and Na_3AlF_6 in the presence of rare metals;
E) electrolysis of the Na_3AlF_6 melt in the presence of metal fluorides.

21. Method of electrolytic separation of metallic Al from its oxide:
A) melting and leaching of γ-Al_2O_3;
B) electrolysis of Al_2O_3 and Na_3AlF_6 melt in the presence of metal fluorides;
C) leaching and crystallization of aluminosilicate;
D) electrolysis of melt Al_2O_3 and Na_3AlF_6 in the presence of rare metals;
E) electrolysis of the Na_3AlF_6 melt in the presence of metal fluorides.

22. The introduction of metal fluorides into the melt during the electrolytic separation of Al from the oxides causes:
A) improving the electrolysis of the alumosilicate melt;
B) enhanced electrolysis of Na_3AlF_6 melt;
C) improved leaching and crystallization of aluminosilicate;
D) improving the electrolysis of molten Al_2O_3;
E) increasing the electrical conductivity of the electrolyte.

23. The introduction of metal fluorides into the melt during the electrolytic separation of Al from oxides causes:
A) a decrease in the melting temperature of the electrolyte;
B) improving the melting and leaching of aluminum;
C) enhancing the electrolysis of the Na_3AlF_6 melt;
D) improving the leaching and crystallization of aluminosilicate;
E) improving the electrolysis of the Al_2O_3 melt.

24. The introduction of metal fluorides into the melt during the electrolytic separation of Al from the oxides causes:
A) improving the wettability of the anode by the melt of the electrolyte;
B) enhancing the electrolysis of Na_3AlF_6 melt;
C) improving the leaching and crystallization of aluminosilicate;
D) improving the electrolysis of molten Al_2O_3;
E) improving the electrolysis of the alumosilicate melt.

25. In electrolytic production Al with $T_{melting}$=938 ºC eutectic is achieved when the content of cryolite in the melt is equal to:
A) from 15 to 20% by wt.;
B) 15% by wt.;
C) 35% by wt.;
D) 45% by wt.;
E) from 25 to 60% by wt.

26. In electrolytic production Al with $T_{melting}$=938 ºC eutectic is achieved when the content of cryolite in the melt is equal to:
A) ≈15% by wt.;
B) ¿ 35% by wt.;
C) ¿ 45% by wt.;
D) from 20 to 40% by wt.;
E) > 50% by wt.