

- C) low degree of caustification;
- D) low cost of the target product;
- E) low raw material consumption.

15. Point out one of the advantages of the lime method of obtaining caustic soda:

- A) high degree of caustification;
- B) high process speed;
- C) high concentration of alkali;
- D) low degree of caustification;
- E) the principle of energy conservation is fulfilled.

16. The process of obtaining caustic soda by electrolysis of an aqueous solution is carried out:

- A) on iron cathode and copper anode;
- B) on platinum electrodes;
- C) on the iron cathode and ruthenium anode;
- D) on an iron cathode and a graphite or titanium anode;
- E) on an iron cathode and a copper anode.

17. Electrolysis of an aqueous solution of table salt for the production of caustic soda is carried out:

- A) on a mercury cathode and a graphite or titanium anode;
- B) on nickel electrodes;
- C) on platinum electrodes;
- D) on iron cathode and nickel anode;
- E) on an iron cathode and a copper anode.

18. Production of caustic soda by electrolysis of an aqueous solution of table salt is carried out:

- A) on iron cathode and nickel anode;
- B) on nickel electrodes;
- C) on platinum electrodes;
- D) by diaphragm or mercury methods;
- E) on the nickel cathode and the anode.

19. In the processes of obtaining caustic soda by electrolysis of an aqueous solution as the anode is used:

- A) copper-cobalt anode impregnated with resin;
- B) a platinum anode;
- C) ruthenium oxide anode;
- D) graphite anode impregnated with linseed oil;
- E) copper anode.

20. In the production of caustic soda from an aqueous solution by electrolysis as the anode is used:

- A) platinum anode coated with a layer of titanium oxide;
- B) nickel anode coated with a layer of titanium oxide;
- C) titanium anode coated with a layer of titanium oxide;
- D) ruthenium oxide anode;
- E) cobalt anode.