

E) 2:3.

2. The starting material for nitrogen production is:

- A) process gas;
- B) natural gas;
- C) air;
- D) water;
- E) nitric acid.

3. The feedstock for producing hydrogen is:

- A) ammonia;
- B) nitrate;
- C) synthesis gas;
- D) natural gas;
- E) coal, coke.

4. The feedstock for the production of hydrogen are:

- A) water;
- B) petroleum products;
- C) ammonia;
- D) iron;
- E) pyrolysis gases.

5. In the production of ammonia, the separation of liquid air into its components is carried out by the method of:

- A) sublimation;
- B) distillation;
- C) neutralization;
- D) rectification;
- E) vacuum distillation.

6. The method of air separation in the production of ammonia, based on the difference in boiling points of individual gases, is called:

- A) rectification;
- B) sublimation;
- C) aeration;
- D) vacuum distillation;
- E) volatilization.

7. Nitrogen in industry is obtained by:

- A) decomposition of ammonium nitrate;
- B) reduction of NO;
- C) chemical binding of atmospheric oxygen;
- D) the oxidation of ammonia;
- E) decomposition of ammonia.

8. Method of binding atmospheric nitrogen:

- A) ammonia-soda;
- B) lime
- C) ammonia
- D) ammonium;
- E) oxidative.