The rotating member – вращающийся элемент

The three-phase current – трехфазный ток

the current-carrying conductors – токонесущие проводники

Motors with squirrel-cage rotors – двигатели с короткозамкнутыми роторами

the single-phase voltage – однофазный переменный ток

Repulsion-induction motors – индукционные двигатели отталкивания

household appliances – бытовая техника

**Questions**

1)Can synchronous motors made to operate from a single-phase power source?

2) Does the rotating element consist of a core?

3) Does the magnetic reaction between the rotating field and the current-carrying conductors of the rotor cause the rotor turn?

4) Do single-phase or capacitor type repulsive induction motor can be?

5) motors are usually made only in small sizes and are commonly used in household appliances, don’t they?

6) Series-wound motors with commutators, which will operate on direct or alternating current, are called universal motors, don’t they?

7) Why do alternating current is advantageous for electric power transmission?

8) Why do Low-speed AC generators are built with as many as 100 poles?

9) Why do alternators are therefore constructed with a stationary armature?

10) What current is called two-phase alternating current?