Задание 1

Synchronous – синхронный

Simplest - самый простой

Rotating – вращающийся

Shaft – вал

split-phase - сплит-фаза

torque – крутящий момент

Series-wound motors with commutators - Серийные двигатели с коммутаторами

sinks to zero – опускается до нуля

voltage – напряжение

Задание 2

1. Is the synchronous motor essentially a three-phase alternator operated in reverse or along the way?
2. Are the field magnets mounted on the rotor or under him?
3. What is advantageous in certain devices?
4. What can be used on single-phase alternating current?
5. Is the simplest of all electric motors the squirrel-cage type of induction motor used with a three-phase supply?
6. Are they usually made only in small sizes and are commonly used in household appliances?
7. Most large electric generators are of the AC type, is it?
8. Such current is known as single-phase alternating current, is not it?
9. What may be obtained by increasing the number of windings in the armature?
10. Which are voltages common in alternators..