

# **Набор предложений для блочного контроля на перевод с английского языка на русский по пройденному лексическому и грамматическому материалу (II курс, IV семестр)**

## **I блок**

- 1 Such generators are only satisfactory under conditions of constant speed and constant load and therefore unsuitable for aircraft.
2. With the increasing complexity of modern aircraft, the total length of cables has been increasing.
3. A machine designed to produce mechanical force by application of a difference of electrical potential is called a motor.
4. Today many miles of cables are installed in a large aircraft and many special cables are required.
5. In many cases the same machine can be made to operate either as a motor or as a generator.
6. As these cables were subjected to wear out rapidly in contact with petrol and oil, special aircraft cables were developed.
7. The magnetic field of either a generators or a motor may be produced by the use of either permanent magnets or electromagnets.
8. One of the two windings consist of a few turns of thick wire and carries the whole output of the armature.
9. The amount of mechanical energy required for driving a generator is directly proportional to the amount of electrical energy.
10. A considerable saving in weight can be obtained by the use of aluminums conductors.

## **II блок**

1. For use up to 150°C a silicone rubber insulated cable has been designed.
2. Temperature remaining the samey the volume of a gas v1varies inversely with pressure.
3. All cables and wires used for electrical purposes on aircraft must be manufactured in accordance with a specification.
4. The other winding consists of many turns of the fine wire and is connected across the armature.
5. A magnetic field surrounds a ourren-earring wire, its strength decreasing at the distance from the wire surface increases.
6. Having discovered the properties of the electron scientists utilized it for the service of man.
7. As the time went on, our knowledge of the structure of the atom increased.
8. The excitation voltage required depends upon the characteristics of the tube and the losses in circuit including the power consumed in the load.
9. Raising the temperature we increase the agitation of molecules.
10. A considerable saving in weight can be obtained by the use of aluminums conductor.

### III БЛОК

1. For our present purpose we shall speak only of the current which we obtain from an electric cell.
2. The accumulator consists essentially of the metal plates immersed in a liquid known as an electrolite.
3. The large masses of substances are made up of molecules, molecules being made up of atoms.
4. In an afford to find some new sources of power the scientists turned to rocket principle.
5. Increasing the velocity of molecules can be accomplished by raising the temperature.
6. Electronic devices are known to control the stream of electrons.
7. The stored energy can be dissipated in various ways, these ways having been dealt with in a previous article.
8. Upon being heated to a high temperature any metallic compounds are decomposed.
9. If it were not for the radio range beacon the pilot could not check his position along the airways.
10. The development of the project appears to be improving.